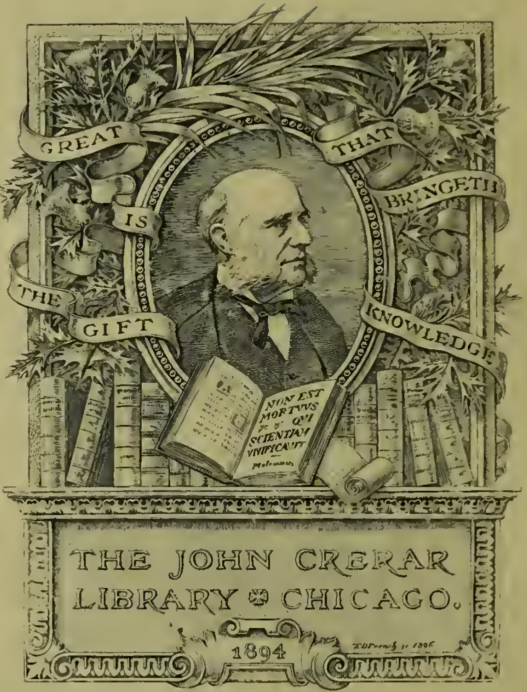
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The James Millikin University Bulletin

DECATUR COLLEGE

1911-1912

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Published by
THE UNIVERSITY
at
DECATUR, ILLINOIS

Entered February 26, 1904, at Decatur, Ill., as Second Class Matter

CALENDAR FOR 1912-1913

FIRST SEMESTER

The First Semester opens September 10, 1912.
Second Half, First Semester, begins November 12.
Thanksgiving Vacation includes Thursday, Friday and Saturday, Nov. 28-30.
Inter-Society Contest, December 6, 1912.
Holiday Recess includes December 22 and January 5, 1913.
Contest in Dramatic Art, January 10, 1913.
Semester Examinations Tuesday, Wednesday, Thursday, Friday and Saturday, Jan. 21-25, 1913.
First Semester closes January 25, 1913.

SECOND SEMESTER

Second Semester opens January 28, 1913.
Contest in Debate and Original Story, February 7, 1913.
Second Half, Second Semester, begins March 31, 1913.
Easter Vacation, Friday, Saturday, and Monday, March 21-24.
Millikin-Knox Freshman Debate, May 9, 1913.
Founder's Day, May 13, 1913.
Decoration Day, May 30, 1913, Holiday.
Semester Examinations, Monday, Tuesday, Wednesday, Thursday and Friday, June 2-6, 1913.
Second Semester closes June 10, 1913.

Commencement week:

Annual Exhibit, Technical and Scientific Departments, June 6, afternoon and evening.
Graduating Exercises of the Academy, June 7, morning.
Annual Entertainment in Dramatic Art, June 7, evening.
Baccalaureate Service, Sunday, June 8, morning.
Field Day, Monday, June 9.
Class Day, Monday, June 9.
Annual Concert, School of Music, June 9, evening.
Commencement Day, Tuesday, June 10.
    Graduating Exercises of the College, morning.
    Alumni Reception and Banquet, noon.

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1911/12-1915/16

The James Millikin University Bulletin

DECATUR COLLEGE AND INDUSTRIAL SCHOOL

VOLUME IX — DECATUR, ILL., MAY, 1912 — NUMBER 4

TABLE OF CONTENTS

- Academy
  - Organization of 45
  - Conditions of Admission... 45
  - Courses 45
- Admission, College, Conditions of 8, 9
- Advanced Standing 9
- Alumni, Addresses of 68
- Aston Hall 51
- Athletics 51, 52
- Attendance, Summary of 68
- Bible Study
  - Academy 48
  - College 18
- Board of Managers 4
- Board of Trustees 4
- Boarding 53
- Buildings and Grounds 51
- Calendar 2
- Campus 52
- Certificates
  - Apprentice 21
  - Fine and Applied Arts 28
  - Music 40
- Chapel Attendance 57
- China Painting 39
- Church Attendance 54
- Collaterals 57
- College, Organization of 8
- Commutation Tickets 53
- Concerts 41, 42
- Contests 57
- Courses of Study
  - Applied Arts 27, 49
  - Domestic Economy 24
    - Domestic Art 26, 49
    - Domestic Science 25, 49
  - Commerce, Finance 31, 50
  - Electives 11, 22, 25, 26, 46, 48
  - Electives, Rules 57
  - Engineering 20
    - Civil 22
    - Electrical 20
    - Mechanical 20
    - Apprenticeships 21
  - Fine Arts 27
  - Keramics 30
  - Liberal Arts 10
  - Library Science 33
  - Manual Training 37, 49
  - Music 39
  - Pedagogy 36
  - Physical Training 37, 50
- Credits, etc. 57
- Degrees 38
  - Bachelor's 10, 20, 24, 28, 31, 33, 41
  - Master's 38
- Departments of
  - Ancient Languages 12, 46
  - Bible History and Literture 18, 48
  - Biology 12, 48
  - Chemistry 17, 48
  - Domestic Art 26, 49
  - Domestic Science 25, 49
  - English Language 13, 46
  - English Literature 13, 46
  - History and Political Science 15, 47
  - Manual Training 37, 49
  - Mathematics 14, 47
  - Music Teaching 42
  - Modern Languages 16, 47
  - Philosophy 11
  - Physics 18, 47
  - Public Speaking 14
  - Vocal Expression 14
- Diplomas in Music 40
- Dormitory (see Aston Hall) 51
- Drawing 29, 49
- Entertainment, Course of 54
- Equipment 52
- Examinations and Standings 56
- Expenses 53
- Faculty, List of 5
- Fees 53
  - Academy 53
  - Aston Hall 52
  - College 53
  - Keramics 30
  - Laboratory 53
  - School of Music 43, 44
- Fellowships 53
- General Information 51
- Gifts to the College 58
- Government 56
- Graduate Courses 38
- Intercollegiate Contests 57
- Keramics 30
- Lecture Course 54
- Library 52
- List of Students 59
- Matriculation 56
- Memoranda in General 56
- Outside Work 57
- Prizes 55
- Publications 57
- Purpose of the College 4
- Physical Training 37, 50
- Recitals 42
- Required Hours 56
- Regulations (see Memoranda)
- Rooms 53
- Scholarships 53
- Scholastic Honors 55
- Schools of
  - Commerce and Finance 31
  - Domestic Economy 24
  - Engineering 20
  - Fine, Applied Arts 27
  - Liberal Arts 10
  - Library Science 33
  - Music 39
  - Pedagogy 36
- Societies, etc. 54
- Students, List of 59
- Student Organizations 54
- Teachers' Training Classes 54
- Theses 38

Withdrawn

HISTORY AND ORGANIZATION

On May 13, 1900, Mr. James Millikin made a formal proposition to establish an institution of learning in the city of Decatur, Illinois, under conditions which were met early in the following year by the citizens of Decatur and the Synods of Indiana, Illinois and Iowa of the Cumberland Presbyterian Church. After some negotiations the charter of Lincoln University, Illinois, was amended, April 30, 1901, so as to provide that its name should change to Lincoln College and that it, together with the proposed Decatur College and Industrial School, should constitute The James Millikin University as its legal successor, with the provision that each college should be governed by a local Board of Managers appointed by the Board of Trustees, in conjunction with the President of the University.

Though by the merger of the Cumberland Presbyterian Church and the Presbyterian Church, U. S. A., it is now under the general supervision of the Synods of the latter in the states named, its internal management, under the conditions of its founding, is non-sectarian.

The first group of four buildings at Decatur was dedicated on June 4, 1903, the dedicatory address being delivered by President Theodore Roosevelt. The College opened its doors to students on September 15, 1903. The total enrollment for the year was 712. This has steadily grown, making a rare record in the history of institutions of learning.

In accordance with the desire of its founder, the Decatur College and Industrial School organized with a view to provide instruction not only in the usual academic and collegiate subjects, but also as far as possible, in those industrial, technical, commercial and art lines for which there is now such urgent demand. It was his purpose to establish an institution of learning where, at the least possible expense, all classes of young men and women might secure an education that would fit them for entering at once and successfully upon some honorable vocation in life.

The organization includes (1) the Academy or Preparatory School, with the usual preparatory courses and a generous line of electives for those who wish to take instruction in manual training, in the industrial arts, etc.; (2) the College proper, which offers courses in the liberal arts, engineering, fine arts, domestic economy, music, commerce and finance, pedagogy and library science. See advance pages for details concerning admission, courses of study, etc.

THE BOARDS OF CONTROL

The Board of Trustees of the University

President—W. H. Penhallegon, Decatur.
Vice President—W. C. Outten, Decatur.
Scecretary—H. E. Starkey, Lincoln.
Treasurer—J. C. Fisher, Decatur.
W. J. Darby, Evansville, Ind.
Lawrence B. Stringer, Lincoln.
A. C. Boyd, Lincoln.
E. G. King, Lincoln.
F. E. Bell, Mattoon.
W. H. Evans, Lincoln.
C. L. Conkling, Springfield.
G. B. Spitler, Mt. Zion.
J. E. Williamson, Evansville, Ind.
A. H. Mills, Decatur.
R. L. Vannice, Waukon, Iowa.

The Board of Managers of the Decatur College and Industrial School

President—S. E. McClelland, Decatur.
Vice President—T. T. Roberts, Decatur.
Secretary—S. E. Walker, Decatur.
Treasurer—O. B. Gorin, Decatur.
A. R. Scott, Bethany.
J. K. McDavid, Hillsboro.
T. A. Powers, Decatur.
Adolph Mueller, Decatur.
Luther F. Martin, Decatur.
E. P. Irving, Decatur.
W. H. Penhallegon, ex-officio, Decatur.
A. R. Taylor, ex-officio, Decatur.
Honorary members:
Mrs. James Millikin, Decatur.
J. D. Rogers, Decatur.

Chairman of Standing Committees

Finance—T. T. Roberts.
Grounds—T. A. Powers.
Curriculum and Instruction—E. P. Irving.
Insurance—Adolph Mueller.
Buildings and Plans—S. E. Walker.

THE FACULTY OF INSTRUCTION

Albert R. Taylor, President, Philosophy, Ethics, and Pedagogy.—Lincoln University, Ph.B. 1872, Ph.D. 1882; Cumberland University, LL.D. 1906; Professor Natural Science, Lincoln University, 1872-1882; President State Normal School of Kansas, 1882-1901.

James D. Rogers, Dean of the College and of the School of Liberal Arts, Ancient Languages.—Utica Academy, 1885; Hamilton College, A.B. 1889; Columbia University, A.M. 1893, Ph.D. 1894; University of Berlin and American School at Athens, 1894-1896; Fellow in Columbia University, 1892-1894; Fellow by courtesy, Johns Hopkins University, 1896; Principal Boonville, N. Y., Academy, 1889-1892; Lecturer in Greek, Columbia University, 1896-1903.

Thomas W. Galloway, Secretary of the Faculty, Biology.—Cumberland University, A.B. 1887; A.M. 1889, Ph. D. 1892; Harvard University, A.M. 1890; Natural History Sciences, Baird College, Mo., 1887-1889; Professor Biology, Missouri Valley College, 1889-1902, Dean (ibid.) 1898-1902.

Albert T. Mills, History and Political Science.—State Normal School of Kansas, 1893, also 1896; University of Michigan, Ph.B., 1899, A. M. 1908; University of Chicago, Graduate Student, 1899; Assistant Model Department Kansas State Normal School, 1895-1896; Instructor and Professor of History and Civil Government, North Dakota State Agricultural College, 1899-1903.

Robert J. Kellogg. Modern Languages.—Cornell University, A.B. 1891, Ph.D. 1896; Fellow in Comparative Philology, 1892-1893; Teacher Languages, Cascadilla School, 1891-1893; Ithaca High School, 1895-1896; Instructor in Greek, Colgate Acadamy, 1896-1897; Professor of Greek, Richmond, Virginia, College, 1897-1901; Instructor in Modern Languages, Jones Summer School, 1895-1896 and 1898-1903.

William H. Varnum, Fine and Applied Arts.—Rindge Manual Training School, Cambridge, Mass., 1894; Julienne Studio, Paris, 1901; School of Design, Harvard University, 1902; Massachusetts State Normal Art School, 1903; Instructor Freehand and Mechanical Drawing and Designing, Rindge Manual Training School, 1900-1902; Principal Art Department, Cambridge Y. M. C. A. 1898-1903; Instructor City of Boston Evening Drawing Schools, 1901-1903.

Eugene Cyrus Woodruff, Electrical Engineering.—University of Michigan, B.S. 1894, M.S. 1896, Ph.D. 1900; Ann Arbor University School of Music, Pipe Organ, 1896; Teacher of Sciences in High Schools, Michigan, Chicago, etc.; Instructor in Chemistry, Montana State College, 1900-1901.

Grace Patten Conant, English Language and Literature.—Bates College, A.B. 1893; Cornell, A.M. 1897; Fellow in English, Cornell and University of Chicago, 1898 and 1899, respectively; Instructor in English, Vermont Academy, 1893-1896, and Woman's College, Baltimore, 1900; Associate Professor English, (ibid.) 1901-1904; Professor of English, Western College, Ohio, 1905-1906.

Benjamin B. James, Principal of the Academy, Physics.—Northwestern University, A.M. 1884; N. W. University and University of Chicago, post-graduate work, 1893-1894 and 1899-1901; Principal high school and teacher of Physics, Evanston and Joliet; Professor of Physics, Racine College and State Normal School, St. Cloud, Minn.

Lorell M. Cole, Manual Training.—Colby High School, 1889; Stout Manual Training School for Teachers, full course, 1906; Teacher in Wisconsin Graded and High Schools, 1889-1901; Assistant Stout Manual Training School, 1901-1902; Director of Manual Training, Dunn County School of Agriculture, 1902-1906.

John C. Hessler, Chemistry.—University of Chicago, A.B. 1896; University of Chicago, Ph.D. 1899; Instructor in Science, Lake High School, Chicago, 1890-1892; Instructor in Chemistry, Hyde Park High School, Chicago, 1892-1899; Instructor in Chemistry, University of Chicago, 1899-1907.

Binney Gunnison, Public Speaking.—Harvard University, A.B. 1886; Diploma from Crozier Theological Seminary, 1890; School of Expression, Boston, 1894, 1898, 1907; Instructor in Elocution and English Composition, Brooklyn Polytechnic Institute, 1893; Worcester Academy, 1894-1896; Instructor in Elocution, St. John's Ecclesiastical Seminary (R. C.), Boston, 1897-1898; Instructor in Public Speaking, Harvard University, 1905-1906; Instructor in School of Expression, 1897-1907; Jones Instructor of Elocution, Andover Theological Seminary, 1900-1907.

William Wilberforce Smith, Commerce and Finance.—Lafayette College, A.B. 1880, LL.D. 1905; Princeton Theological Seminary, 1880-1882; Summer courses in United States and Europe; Latin Master, Hill School, Pottstown, Pa., 1882-1883; Teacher Latin and Mathematics, Lawrenceville (N.J.) School, Green Foundation, 1883-1886; Headmaster, Englewood (N. J.) School for Boys, 1886-1896; Headmaster, Berkeley School, New York City, 1904-1905; President Coe College and Professor of Economics and Sociology, Cedar Rapids, Iowa, 1905-1908.

Bertha Melville Miller, Domestic Science.—Franklin College, Ph.B. 1900; Teachers' College, Columbia University, diploma, 1903-1905; Teacher public schools, 1901-1903; Farmer's Institute lecturer and instructor short course, Purdue University, 1906-1908; Head department of Domestic Science, Franklin College, 1907-1908.

George Frederick Eckhard, Civil Engineering.—Iowa State Normal School, M.Di. 1900; University of Iowa, B.S. 1905; C.E. 1911; Instructor in Mathematics, Rock Rapids High School, 1900-1901; Instructor in Mathematics, Carroll High School, 1901-1902; With Wm. Schott Contracting Co., 1903; Illinois Central Railroad Co., 1904; Cuba Eastern Railway, 1905; Instructor in Cedar Falls High School and University of Iowa, 1906-1907; City Engineer, Socorro, 1907; Professor of Civil Engineering, New Mexico School of Mines, 1907-1909.

Theophile James Meek, Biblical History and Literature.—University of Toronto, A.B. 1903; Graduate student, University of Toronto and Knox College, Toronto, 1903-1904; The McCormick Theological Seminary, 1904-1906; Nettie F. McCormick Traveling Fellow in Hebrew, 1906-1908; University of Marburg, 1906; University of Berlin, 1906-1908; Ph.D. in Semitics completed except examination; American School of Oriental Study and Research, Jerusalem, 1908; McCormick Theological Seminary, B.D. 1909.

Walter J. Risley, Mathematics.—University of Michigan, B.S. 1900; University of Illinois, A.M. 1907; Harvard University, A.M. 1908; Instructor in Mathematics and Physics, Joliet Township High School, 1900-1903; Instructor in Mathematics, Armour Institute of Technology, 1903-1905, University of Illinois, 1905-1907, and Harvard University, 1909-1910.

James Newton Ashmore, Director of Physical Training.—Lincoln (Ill.) College, 1899-1902; University of Illinois, special course in physical training, 1902-1903; Y. M. C. A. Summer School for Physical Directors, 1901; Physical Director, Washington State College, 1903-1904; The James Millikin University, Decatur, 1904-1907, and Western Maryland College, 1907-1909.

Isabella T. Machan, Associate Professor Ancient Languages.—Wellesley College, A.B. 1887; Columbia University, 1902; Wellesley College, A.M. 1905; Teacher Ancient Languages, Franklin School, 1888-1889; Preceptress Hebron Academy, 1889-1898, Ancient Languages and History.

Mabel Dunlap, Domestic Art.—Ohio Normal School and Oswego State Normal School, 1903; Columbia University, diploma in Domestic Art 1906; B.S. 1908; Instructor primary schools three years; Instructor and supervisor North Bennett Industrial School, Boston, 1908-1911.

Stella Robinson Fox, Dean of Women.—University of Indiana, A.B. 1896; University of Chicago, Graduate student 1900-1902; Professor of History, Western College for Women, 1902-1903; Professor of History, Milwaukee-Downer College, 1903-1904; Abroad 1904-1905; Instructor in History, Wilson College, 1905-1910.

Faith Hunter Dodge, Associate Professor, Romance Languages.—The University of Chicago, Ph.B. 1907; Graduate student, summer terms 1907, 1908, 1911; France and Spain, summer 1909; Instructor in French, Correspondence Department, University of Chicago; Professor Romance Languages, Adrian College, 1907-1908; Professor Modern Languages, Bell-Austin Institute, Texas, 1908-1910; Lecturer on French Literature, Winona Lake; Instructor Spanish and French, Clarendon College, Summer School, 1910; Professor of Spanish, Wells College, 1910-1911.

Calvert W. Dyer, Secretary.—Cumberland University, A.B. 1900; Lockyear's Business College, Indiana, 1902; Instructor Commerce and Finance, Millikin University, 1903-1911.

Elmer A. Riley, Associate Professor Commerce and Finance.—Baker University, A.B. 1905; University of Chicago, 1905-1908; Ph.D. 1911; Instructor Baker University Academy, 1903-1905; Assistant in History, University of Chicago, 1905-1906; Fellow in University of Chicago, 1906-1908.

Henry Clay Stanley, Assistant Professor Commerce and Finance.—Fairfield College, A.B. 1889; Northwestern (Nebr.) A.M. 1896; Fairfield College, M.Acct. 1896; Peru State Normal (Nebr.), State Certificate, 1899-1900; Illinois College of Law, Chicago, LL.B. 1910; Principal Harvard High School, 1896-1897; Northwestern Univ., J.D. 1912; Principal Edgar High School (Nebr.), 1897-1899; Principal Government School of Commerce, 1900-1902; Principal of Brandrup and Nettleton's School of Business, 1903-1905; Whitmore's University of Business, 1905-1906.

Emma L. Baker, Instructor in Keramics.—Lincoln University, B.S. 1900; The James Millikin University, B.S. with Pedagogy, 1905; Art Institute, Chicago, Summer Term, 1905. Absent on leave for the year.

Davida McCaslin, Instructor in English.—Coe College, A.B. 1904; Harvard Summer School, 1906; Teacher public schools, 1904-1906; Fellow in English, The James Millikin University, 1907; B.S. with Pedagogy, The James Millikin University. Absent on leave for one year.

Mollie Grubel, Instructor for Women, Physical Training.—Illinois State Normal University, 1897-1898; University of Wisconsin, Summer Term, 1902; Harvard University, physical training courses, 1903 and 1904; Chautauqua School of Physical Training, 1907; Teacher Decatur Public Schools and private gymnasium classes, 1899-1906; Physical Director, Decatur Y. W. C. A., 1906-1907.

Irene Handlin, Instructor in Fine and Applied Arts.—The James Millikin University, B.S. in F. and A.A. 1907; Graduate student in Fine and Applied Arts, 1907-1908.

Anne Morris Boyd, Librarian and Instructor in Library Science.—The James Millikin University, A.B. with Library Science, 1906; Reference Assistant, Kansas State Agricultural College, 1906-1907; Librarian (ibid.), 1907-1908; Cataloger, St. Louis Public Library, 1909; Children's Librarian, Decatur Public Library, 1909-1910.

Bonnie R. Blackburn, Instructor in English and Modern Languages.—The James Millikin University, A. B., 1908; Assistant Professor Modern Language, Coe College, 1908-1909.

Frank Clifford Miller, Instructor in Pattern, Foundry Work and Forging.—Mattoon High School, 1902; The James Millikin University, B.S. in M.E. 1909; Summer School University of Illinois, 1910; Machinist, Chuse Engine and Mfg. Co. (Mattoon), 1902-1905; Draftsman, Curtis Motor Truck Co. (Decatur), Illinois Traction System (Decatur), Murray Iron Works (Burlington, Ia.), and Wausan Sulphate Fibre Co., Wausan, Wis.

Lucile M. Bragg, Recorder and Instructor in Ancient Languages.—The James Millikin University, A.B. 1909; A.M. 1910; Fellow in Ancient Languages, The James Millikin University, 1910.

Catherine Stuart Vance, Instructor in English.—Wooster University, Ph.B. 1907; Columbia University, A.M. 1911; Teacher in Bradford (Ohio) High School, 1904-1905; Teacher in Lash High School, Zanesville, Ohio, 1907-1910.

Clara C. Greenwood, Instructor in Fine Arts.—Graduate with honors, Museum School of Design, Boston, 1905; Student, Museum School of Fine Arts, 1906; Julian and Collorossi Academies, Paris, 1906-1908; Pupil of Frank Benson, 1908-1909; Pupil of Edmund C. Tarbell, 1909-1911; Private teacher, 1910-1911.

Alvin Hertwig, Instructor in Mathematics.—Purdue University, B.S. 1909; Cincinnati College of Music, 1904; Teacher Science and Mathematics, Wabash (Ind.) High School, 1909-1910; Teacher Science and Mathematics, Princeton (Ill.) Township High School, 1910-1911; Assistant Chemist, University of Illinois Experiment Station, Summer 1910.

Viola M. Bell, Instructor in Domestic Science.—The James Millikin University, B.S. in Domestic Economy 1911.

R. Ingle Gamman, Instructor in Keramics.—Art Institute, Chicago, 1906-1911.

Caroline S. Lutz, Instructor in German.—Goucher College, Baltimore, A.B. 1911. Part time.

Edith Margaret Potts, Instructor in French.—The James Millikin University, A.B. 1910. Part time.

Hermann H. Kaeuper, Director Conservatory of Music; Professor of Piano Playing.—Cincinnati College of Music, 1892-1897; Student of Frank Van der Stucken et al.; Instructor Cincinnati College of Music, 1896-1897; Director Conservatory of Music, Wittenberg College, Springfield, Ohio, 1897-1902.

Frederick H. Baker, Associate Professor Piano Playing.—New England Conservatory, Boston, 1893; Royal Conservatory, Leipzig; Post-graduate work with Carl Faelton, Dr. Louis Maas, Mrs. Thomas Tapper et al.

Harold A. Cole, Professor of Pipe-Organ and Associate Professor of Piano Playing.—Graduate of New England Conservatory, 1907; Piano with A. DeVoto; Organ with Henry Dunham; Normal Training with Addison Porter, Organ Tuning with O. C. Faust; Theory with L. C. Elson; Harmony, Harmonic Analysis and Counterpoint with H. Redman, 1903-1907; Organist and Choirmaster, Unity Church, Boston, 1905-1909.

Ruth Darrow, Associate Professor of the Art of Singing.—Graduate Williams' Memorial Institute, New London, Conn.; Teachers' College, Columbia University, New York, 1904-1905; Institute of Musical Art, New York City, 1905-1906; Private study in Berlin, Germany, 1908-1909; Theodore Van Yorx's assistant and accompanist, 1909-1910, Hartford, Conn. Her principal teachers were: In the art of singing, Mme. von Niessen-Stone, George Henschel, Theodore Van Yorx, George Ferguson; Harmony, Analysis of Music Forms, History and Appreciation of Music with Dr. Percy Goetschius, Prof. McWhood, H. E. Krehbiel and Dr. Waldo Selden Pratt; the Theory and Practice of Teaching Public School Music was studied at Teachers' College, Columbia University, with Prof. C. H. Farnsworth.

Edson W. Morphy, Professor Violin Playing.—New England Conservatory of Music, Boston, 1899; Post-graduate course, New England Conservatory, 1901-1902; with Paul Viardot in Paris, 1905-1906; Professor of Violin Playing and theoretical branches of music, Normal Conservatory, Potsdam, N. Y., 1900; Director of Violin and Orchestral Departments, Halifax Conservatory, Halifax, Nova Scotia, 1903-1905.

William B. Olds, Professor of the Art of Singing and Theoretical Branches.—Beloit College, Beloit, Wisconsin, A.B. 1898; Oberlin Conservatory, Oberlin, Ohio, 1898-1899, 1905; American Conservatory, Chicago, 1899-1900; Singing, Karleton Hackett; Piano Playing, Victor Garwood; Theory and Composition, Adolph Wiedig, Student-Assistant in Voice, Harmony, Composition and Piano Playing, American Conservatory, 1899-1900; Professor Voice Culture, Iowa College, Grinnell, Iowa, 1900-1904; Acting Director Grinnell School of Music, 1903-1904; Director Illinois Conservatory of Music, Jacksonville, Illinois, 1904-1906; Private teaching, Jacksonville, Illinois, 1906-1908.

William Erhart Snyder, Professor of Pipe-Organ Playing and of the Art of Teaching Piano Playing, and Associate Professor of Piano Playing.—Graduate of Detroit Conservatory of Music and Sherwood Music School, Chicago; private study with Theodor Leschetizky in Vienna, Austria. Mr. Snyder has toured the United States as a concert artist. He served for four years as professor of pipe organ and piano playing in the Detroit Conservatory and four years in the Sherwood School of Music.

Ada E. Lindsay, Secretary Conservatory of Music.—University of Illinois, 1901-1903; The James Millikin University, A.B. 1905.

Lillie Ashby, Instructor in Piano Playing.—Certificate of Proficiency in Piano Playing, Certificate in Harmony, and Piano Teachers' Certificate, The James Millikin University, 1907; Piano Teachers' Diploma, The James Millikin University, 1909.

Babetha Fahrnkopf Beecher, Instructor in Piano Playing.—Piano Teachers' Certificate, The James Millikin University, 1907; Certificate in Piano Playing, 1906.

Edna Childs, Instructor in Piano Playing.—Diploma in Piano Playing, 1908, The James Millikin University; Piano Teachers' Certificate, The James Millikin University, 1909.

Sylvia Fisk, Instructor in Piano Playing.—Certificate in Piano Playing, 1909, The James Millikin University; Certificate in Harmony, 1910, and Piano Teachers' Certificate, The James Millikin University, 1911.

Nellie Gebhart, Instructor in Piano Playing.—Diploma in Piano Playing, The James Millikin University, 1908.

Lillian Heath, Instructor in the Art of Singing.—Unisity of Illinois and Millikin Conservatory of Music.

Mary Hemenway, Instructor in Violin Playing.—Certificate in Violin Playing, The James Millikin University, 1907; Certificate in Harmony, The James Millikin University, 1909.

George Otto Lillich, Instructor in Piano Playing.—Certificate in Piano Playin, 1909; Piano Teachers' Certificate, 1910, The James Millikin University.

Fay MacAdams, Instructor in Piano Playing.—Certificate in Piano Playing, 1907; Diploma as Pianist, 1909, The James Millikin University.

Anna Whitmer McNabb, Instructor in Piano Playing.—Certificate in Piano Playing, 1907; Certificate in Harmony and Piano Teachers' Certificate, 1910, The James Millikin University.

Ora Rogers, Instructor in Piano Playing.—Certificate in Harmony, The James Millikin University, 1906; Piano Teachers' Certificate and Certificate in Piano Playing, 1907; Piano Teachers' Diploma, 1908.

Madah Snell, Instructor in Piano Playing.—Certificate in Piano Playing, The James Millikin University, 1906; Piano Teachers' Certificate, 1907; Certificate in Harmony, The James Millikin University, 1909.

Jeanette Trautman, Instructor in the Art of Singing.—Certificate in the Art of Singing, The James Millikin University, 1907; Diploma in the Art of Singing, 1911.

Robert Walter, Teacher of Wood Wind Instruments.—Including Clarinet, Saxophone and Flute; Conductor of Goodman Band of Decatur since 1886.

Grace Wandel, Instructor in Piano Playing—Certificate in Piano Playing, The James Millikin University, 1907.

Bessie Stone Williams, Instructor in Piano Playing and Harmony.—Diploma Highland University School of Music, 1905; A.B. Highland University, Highland, Kansas, 1909; Certificate in Public School Music, Normal, Piano, Sight-Reading and Ear-Training, Sherwood Music School, Chicago, Summer Term, 1909; Diploma from Sherwood Music School, 1910; two summer terms at Chautauqua, New York, with William Sherwood and Miss Georgia Kober.

Stella F. Allen, Assistant Secretary Conservatory of Music.

ASSISTANTS

Laura O. Kriege, 1913, Student Assistant in German.

Katherine Wright, Student Assistant in Domestic Art.

Lucy R. Henderson, Stenographer.

Frederick F. Joel, 1913, Student Assistant in Chemistry.

Jesse L. Conel, 1912, Student Assistant in Biology.

Walter E. Rogers, 1913, Student Laboratory Assistant in Biology.

Howard File, 1914, Student Laboratory Assistant in Chemistry.

Lorin H. King, 1914, Student Assistant in Arithmetic. Part time.

Thomas A. Davis, 1913, Student Laboratory Assistant in Physics.

THE COLLEGE

The College includes the following Schools; Liberal Arts, Engineering, Domestic Economy, Fine and Applied Arts, Commerce and Finance, Library Science, Pedagogy, and Music.

The College courses leading to degrees in all the Schools are four years in length, each year being divided into two semesters.

Except as otherwise stated, regular students carry sixteen hours work per week, and in the four years complete a total of 128 hours exclusive of collaterals. A point, or semester-hour, represents a one-hour lecture or recitation period for one semester. Laboratory hours count one-half or one-third as much as lecture hours as may be specified under individual subjects.

For the completion of the Liberal Arts courses the degree of A. B. is awarded; for the completion of the English-Science course, the degree of B. S.; and for the completion of any of the four-year technical courses as indicated, the B. S. degree with the designation of the School, as Mechanical Engineering, Commerce and Finance, etc.—See the summary of courses under the various schools.

All College students are required to take two years' work in Physical Training, preferably in the freshman and sophomore years.

The degree of Master of Arts is conferred on candidates under conditions specified on page 38.

See rules concerning theses on page 38.

For General Information see page 51.

General Conditions of Admission to the College Proper

The following requirements for admission pertain to all the Schools of the College proper. See page 9 for conditions of admission to the Academy.

Candidates must present certificates of good moral character. If coming from other colleges during the college year, they will present certificates of honorable dismissal from the same.

They will be admitted to the Freshman class on presentation of certificates of graduation from approved University high schools or from schools of corresponding grade.

Candidates will also be admitted on examination. The day preceding and the day of opening of each semester are regular examination days.

Candidates for advanced standing will be admitted on examination or on credits from reputable colleges.

Candidates admitted in accordance with the foregoing regulations will be eligible only to Schools and courses which their high school or other courses have anticipated. They may enter other Schools by making up deficiencies.

Specific Conditions of Admission to the Various Schools of the College

Students desiring to be admitted to the Freshman class from high schools or other secondary schools will be required to submit a certificate of graduation and credits for fifteen units of work in the same as indicated on next page. Blanks for such certification will be furnished on application.

Examinations of other candidates for entrance will be on the same subjects. See the several courses outlined in the Academy for a suggestion of the scope of the examination in each subject.

A unit represents one year's work of thirty-six weeks, five hours per week, of forty minutes each, or the equivalent in laboratory practice.

The subjects named in the first list are required; those in the second, in Italics, are recommended as electives, though others may be elected from the list appended. At least two of the units in foreign language must be in one language only. High school students should be careful to elect subjects preparing specifically for courses they wish to pursue in college.

To School of Liberal Arts

Classical Course

Required:

Algebra	1½ units
English Composition	1 unit
English Literature	2 units
Geometry, Plane	1 unit
History	1 unit
Latin	2 units
Foreign Language	1 unit

Recommended Electives:

Foreign Language	1 unit
Chemistry or Physics	1 unit
Biology, Physiology, Botany or Zoology	1 unit
Civics	½ unit
History United States	½ unit
Physical Geography	½ unit
English or American Literature	1 unit

Scientific or English Course

Required:

Algebra	1½ units
English Composition	1 unit
English Literature	2 units
Geometry, Plane	1 unit
Science	2 units

Recommended Electives:

Foreign Languages	2 units

and the recommended list under the classical course.

To School of Engineering

Required:

Algebra	1½ units
English Composition	1 unit
English Literature	2 units
Geometry, Plane	1 unit
Geometry, Solid and Spherical	½ unit

Recommended Electives:

Foreign Language	2 units
Chemistry or Physics	1 unit
Biology, Physiology, Botany or Zoology	1 unit
Civics	½ unit
History United States	½ unit
English or American Literature	1 nuit
Physical Geography	½ unit
Astronomy	½ unit

Candidates will also be admitted on the subjects required and recommended for admission to the School of Liberal Arts, with the addition of solid geometry.

To the School of Domestic Economy

Candidates will be admitted on certificates for fifteen units meeting requirements and electives to either of the foregoing Schools. Two units of domestic science or domestic art, or one of each, may, however, be submitted for any of the electives recommended.

To the School of Fine and Applied Arts

Candidates eligible to any of the foregoing Schools on certificate or by examination will be admitted to this School with the provision that two units of fine and applied arts, or one of each, may be submitted for any of the electives recommended.

To the School of Commerce and Finance

Candidates eligible to the School of Liberal Arts or of Engineering will be admitted to this School with the privilege of substituting any of the following for

Recommended Electives:

Commercial Geography	½ unit
Mechanical Drawing	½ unit
Manual Training	½ unit
Commercial Arithmetic	½ unit
Correspondence	½ unit
Bookkeeping	1 unit
Accounting and Office Practice	½ unit
Stenography	1 unit
Typewriting	1 unit
Banking or Economics	½ unit
History of Commerce	½ unit
Introduction to Commerce	½ unit
Astronomy or Geology	½ unit

To the School of Pedagogy

Candidates eligible to admission to any of the foregoing Schools will be admitted to this School on their credentials for the same.

To the School of Library Science

Candidates eligible to admission to any of the foregoing Schools will be admitted with at least two units of a foreign language in addition to the required subjects.

To the School of Music

Candidates will be admitted to collegiate standing in the School of Music who meet the requirements for any of the foregoing courses with at least two units of a foreign language and two units of music in addition to the required subjects other than a foreign language.

To Advanced Standing

Candidates for advanced standing in any of these Schools, presenting credits from other reputable colleges, will be admitted to corresponding standing in this College. They will also be given advanced standing on examination.

To Graduate Courses

Graduates of this College, or of colleges of corresponding standing, will be admitted to graduate courses leading to Masters' degrees or to Bachelors' degrees, with special designation in any of the technical schools which they may be prepared to enter.

Additional Electives

Allowed in all courses preparing for entrance to the Freshman class:

Geology	½ to 1 unit
Astronomy	½ unit
Commercial Geography	½ unit

THE SCHOOL OF LIBERAL ARTS

THE FACULTY

Albert R. Taylor, Ph.D., LL.D., President.

James D. Rogers, Ph.D., Dean and Professor of Ancient Languages.

Thomas W. Galloway, Ph.D., Professor of Biology.

Albert T. Mills, A.M., Professor of History and Political Science.

Robert J. Kellogg, Ph.D., Professor Modern Languages.

Grace Patten Conant, A.M., Professor of English.

Binney Gunnison, A.B., Professor of Public Speaking.

Benjamin B. James, A.M., Professor of Physics.

John C. Hessler, Ph.D., Professor of Chemistry.

Theophile J. Meek, A.M., Professor of Biblical History and Literature.

Walter J. Risley, A.M., Professor of Mathematics.

Isabella T. Machan, A.M., Associate Professor of Ancient Languages.

Faith Hunter Dodge, Ph.B., Associate Professor of Romance Languages.

Catherine S. Vance, A.M., Instructor in English.

COURSES OF STUDY

The requirements for the A.B. degree, 132 semester hours or points, are as follows:

A. All students shall complete prescribed courses as follows:

One foreign language	16 points
English	8 points
Mathematics*	8 points
One Laboratory Science	8 points
History	8 points
Philosophy	8 points
Collaterals	4 points
Total	60 points

At least three of these courses of 8 points each must be taken in the Freshman year, of which one must be English. At least two more of 8 points each must be finished by the end of the Sophomore year. Philosophy is taken in the Senior year. The other course may be taken in any year. The program of courses which may serve as prescribed work is given in the following table.

Summary of Courses Open as Prescribed

Note—The numeral following a subject designates the course required, for the details of which see the department outlines. The numerals in parenthesis, if any, indicate the number of laboratory and class hours together per week; those in the first column proper, the number of class hours per week and points including laboratory credits for the first semester; those in the second column, ditto for second semester; the third column, in black-faced type, indicates the recitation and laboratory periods for the day named. Period 1 is 8 to 9 a. m.; 2, 9 to 9:55 a. m.; 3, 10:20 to 11:15 a. m.; 4, 11:15 to 12:05 p. m.; 5, 1:30 to 2:30 p. m.; 6, 2:30 to 3:30 p. m.; 7, 3.30 to 4:30 p. m.; 8, 4:30 to 5:30 p. m.

Electives are printed later on with detailed courses; see instructor in case hours are not given.

Courses	Hours	Points	Time.
Latin, E. F.		5.5	**4** T. W. Th. F. S.
Latin, G. H		5.5	**5** T. W. Th. F. S.
Latin, 1, 2		3.3	**3** W. F. S.
Greek, A. B		5.5	**3** T. W. Th. F.
Greek, C. D		4.4	**6** T. W. Th. F. S.
Greek, 1, 2		3.3	**6** T. Th. F.
German, 1, 2		5.5	**1** T. W. Th. F. S.
		or	**5** T. W. T. F. S.
French, 1, 2		5.5	**2** T. W. Th. F. S.
German, 3, 4		4.4	**7** T. W. Th. F.
French, 3, 4		4.4	**3** T. W. Th. F.
English, 1, 2		4.4	**2** T. W. F. S.
		or	**6** T. W. Th. F.
History, 1, 2		4.4	**5** T. W. Th. F.
History, 3, 4		4.4	**1** T. W. Th. F.
History, 11, 12		4.4	**4** T. Th. F. S.
Mathematics, 1, 2		4.4	**5** T. W. Th. F.
Biology, C. D	(6) (6)	4.4	**1** W. F. and
			2 T. W. Th. F.
Biology, 1, 2	(6) (6)	4.4	**5** S. and
			6 T. W. Th. F. S.
Chemistry, 1, 2	(6) (6)	4.4	(a) **1, 2**, Th. and
			3 W. F. S. **4** S.
		(b)	**3** T. W. Th. F.
		and	**4** T. Th.
Chemistry, 3, 4	(6) (6)	4.4	**1, 2** W. S. and
			2 T. F.
Physics, A. B	(7) (7)	5.5	**5** T. W. Th. F. S.
		and	**6** T. Th.
Physics, 1, 2	(7) (7)	5.5	**3** W. F. and
			4 T. W. Th. F. S.
Philosophy, 1, 2, 3		4.4	**4** T. W. Th. F.

B. The student shall complete a **Major** consisting of 32 points in one of the following departments:

Latin.
Greek.
German.
Romance Languages.
English.
History and Political Science.
Biblical History and Literature.
Mathematics.
Physics.
Chemistry.
Biology.
Philosophy and Education.

A major may include a prescribed course, subject, however, to the following regulations:

(1) A major shall not be interpreted to include any academy course except Latin E, F, G, H, or Greek A, B, C, D.

(2) A major may not include any college course which covers the same course as an academy subject or subjects, if such academy subject is excluded. This includes German 1, 2, French 1, 2, Physics A, B, Biology C, D.

The student shall announce his major not later than the middle of the Sophomore year. The full list of courses other than prescribed courses is found below.

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*See G. page 11.

C. The student shall select a minor of 8 points under the advice of the department in which he majors. Such minor cannot include any course offered as prescribed work in **A**. A minor may be interpreted to include Latin E, F, G, H, or Greek A, B, C, D, or if taken in the Freshman year, Physics A, B, or Biology C, D.

D. The student shall elect additional courses to make a total of 132 points, of which four shall be collateral points (see page 70). The elective points may be taken from any courses in the school of liberal arts or other schools of the University to which the student is admitted. Of these, however, not over 32 may be taken outside the school of liberal arts, and these may not be taken in more than two schools; sixteen only can be taken in the school of music. In all technical electives outside the school of liberal arts at least one-fourth must be theoretical as distinguished from shop, studio, or laboratory courses.

Electives in

Mechanical Engineering may be found on page 20.
Electrical Engineering may be found on page 20.
Civil Engineering may be found on page 22.
Domestic Science may be found on page 25.
Domestic Art may be found on page 26.
Fine Arts may be found on page 29.
Applied Arts may be found on page 29.
Commerce and Finance may be found on page 31.
Library Science may be found on page 33.
Manual Training may be found on page 37.
Music may be found on page 39.

E. Of the entire course, 32 points must be in subjects designated in the Bulletin as Junior or Senior courses.

F. Any student who attains at the end of his Junior year an honor grade on all his work and a high honor grade on his major, may graduate upon completing 124 points exclusive of the 4 collateral points.

G. Students may substitute for the prescribed work in Mathematics courses in Fine Arts 3, 4 or 5, 6 or Applied Arts 3, 4, 5, 6.

Program of Elective Courses in the School of Liberal Arts

Courses	Hours	Points	Time.
Bible, 1, 2		1.1	4 S.
Bible, 3, 4		2.2	4 W. F.
Bible, 5, 6		2.2	3 W. F.
Bible, 7, 8		2.2	2 W. F.
Bible, 11, 12		2.2	2 T. Th.
Bible, 15, 16		2.2	3 T. Th.
Bible, 17, 18		2.2	5 T. Th.
Bible, 19, 20		2.2	5 W. F.
Biology, 3, 4		4.4	3 Th. S. and 4 W. Th. F. S.
Biology, 5, 6		4.4	5 T. W. Th. F.
Biology, 7, 8	(4) (4)		
Biology, 9, 10	(4) (4)		
Chemistry, 5, 6	(8) (8)	4.4	6, 7 T. W. Th. F.
Chemistry, 7, 8	(8) (8)		
Chemistry, 9, 10	(8) (8)		
Chemistry, 11	(8)		
English, 3, 4		4.4	1 T. W. Th. F.
English, 5, 6		4.4	5 T. W. Th. F.
English, 7, 8		4.4	5 T. W. Th. F.
English, 9, 10		3.3	3, 4 S.
English, 11, 12		3.3	3, 4 S.
English, 15, 16		1.1	4 W.
English, 19, 20		1.1	1 S.
English, 21		1.	6 S.
English, 17, 18		1.1	8 W.
Expression, 1, 2		1.1	1 S.
Expression, 3, 4		5.5	2 T. W. Th. F. S.
Expression, 5, 6		4.4	4 T. W. Th. F.
Expression, 7, 8		4.2	1 W. F.
Expression, 9, 10		2.2	1 T. Th.
Expression, 11, 12		2.2	6 W. F.
Applied Art, 3, 4, 5, 6		4.4	5, 6 W. F.
Fine Art, 3, 4, 5, 6		4.4	3, 4 T. W. Th. F.
French, 5, 6			4 W. S.
French, 7, 8		1.1	1 W.
French, 15, 16		3.3	4 T. Th. F.
French, 17, 18		3.3	7 T. Th. F.
Geology, 1		0.4	3 T. W. 5 Th. F.
German, 5, 6		3.3	5 T. Th. F.
German, 15, 16		3.3	[illegible] T. Th. F.
German, 11, 12		3.3	6 T. Th. F.
German, 19, 20		3.3	4 T. Th. F.
German, 25, 26		2.2	6, 7 S.
German, 27, 28		2.2	3. 4 T.
Greek, 3, 4		3.3	7 T. Th. F.
Greek, 5, 6		3.3	4 W. F. 5 T.
Greek, 9, 10		2.2	
Greek Art, 15		2.2	
Greek Literature, 16		2.	2 W.
Greek Sculpture, 17		1.1	2 S.
History, 5, 6		2.2	
History, 7, 8		2.2	
History, 9, 10		3.3	2 T. W. Th.
History, 11, 12		4.4	4 T. Th. F. S.
Latin, 3, 4		3.3	4 T. Th. S.
Latin, 5, 6		3.3	1 T. Th. S.
Latin, 7, 8		3.3	1 T. Th. S.
Latin, 12		0.2	2 T. Th.
Latin, 13, 14		2.2	
Mathematics, 3, 4		4.4	3 T. W. Th. F.
Mathematics, 5, 6		4.4	2 T. W. Th. F. S.
Mathematics, 9, 10		3.3	6 T. W. F.
Mathematics, 11, 12		3.3	6 Th. S.
Mathematics, 13, 14		4.4	1 T. W. Th. F.
Mathematics, 15, 16		4.4	
Pedagogy, 1, 2		4.4	2 T. W. Th. F.
Philosophy, 5, 6		4.4	2 T. W. Th. F.
Spanish, 1, 2		5.5	1 T. W. Th. F. S.
Spanish, 3, 4		4.4	6 T. W. Th. F.

English Scientific Course

In response to the demands from young men and women from the rural communities who may find it necessary to return to the farms early in April, and of others who are also unable to attend more than three-quarters of the college year, courses are offered in the various required subjects which may be completed at the end of the first semester or at the end of the first half of the second semester with proportionate credit for the work done. The foreign languages in whole or in part will be optional in making up the sum total of required points, on approval of the Council for reasons above given. The degree of B.S. will be granted to candidates completing this course.

This plan makes it possible for students who may be able to carry 20 hours' work per week to attend three quarters per year for three years and one full year to complete the course in the usual time or for other students who are not able to carry as many as 20 hours per week, to complete it in five years.

Prescribed:

English Literature and Composition	24 points
Mathematics	16 points
Physics and Chemistry	16 points
Biology	12 points
History, Economics and Philosophy	12 points
Ancient or Modern Languages Optional, see above	(12 points)
Collaterals	4 points
Elective	48 points
	132 points

Similar arrangements as to time may be made in the advanced courses in the Academy.

Philosophy

President Albert R. Taylor, Ph.D., LL.D.,
Professor of Philosophy and Pedagogy.

1. Psychology.—The course in this subject includes an examination of the knowledge-getting processes, apperception and retention, and the volitional activities of the mind; an introduction to physiological psychology and abnormal mental phenomena. J. R. Angell's text furnishes the basis for the discussion. Senior, 4 T. W. Th. F.

2. Logic.—An elementary review of the laws of thought and of the reasoning processes, together with a somewhat exhaustive study of the syllogism in its theoretical and practical application to argumentation. Jones' text. Senior, 4 T. W. Th. F.

3. **Ethics.**—A theoretical and practical study of the principles underlying human action and their relation to social conditions and institutions. Senior, 4 T. W. Th. F.

4. **Philosophy.**—An introduction to the general study of the subject and a brief historical review, together with an examination of the theories involved. Senior. 4 T. W. Th. F.

5. **Comparative Psychology.**—A general survey of the development of mind in the individual and in the race, together with a brief consideration of certain abnormal mental phenomena, especially insanity and hypnotism. Texts:—Kirkpatrick's Fundamentals of Child Study, Washburn's Animal Mind, and Kraepelin's Clinical Psychiatry. First semester, 2 T. W. Th. F.

6. **History of Philosophy.**—The course traces briefly the development of thought since the early Ionic Greeks, and aims to acquaint the student with the general standpoint of Philosophy, and its relations to life, art, science and religion. Lectures, discussions, and readings from Blakewell's Source-book of Ancient philosophy, and Rand's Modern Classical Philosophers. Second semester, 2 T. W. Th. F.

Biology

Thomas W. Galloway, Ph.D., Professor of Biology.

Jesse L. Conel, Student Assistant.

Walter E. Rogers, Student Laboratory Assistant.

The courses in biology in the College continue the general elementary course in the Academy by building up a knowledge of the special sciences of zoology and botany on the general principles there discovered. The general purpose is the same as in the Academy—to secure for the student powers of accurate observation, statement, and reasoning, and to acquaint him with the principles and methods of modern biology. Through these studies the student should also be brought into increased sympathy with, and appreciation for, the natural conditions about us. Aside from its culture and disciplinary value, biology has important practical relationship with domestic science, horticulture, agriculture, pharmacy, medicine, and many of the trades. It is also of much interest to all teachers in the rural schools and the grades in connection with the rational use of "nature study" in correlation with other work.

The laboratory is supplied with all the equipment necessary for first-class work in the following courses:

C.	General Biology	4 points
D.	General Biology	4 points

Elementary, foundational courses which may be elected by Freshmen who did not offer biology on entrance.

1. **Botany.**—Including the study of the morphology, physiology, and ecology of representative crytogams and the more common phanerogams. Lectures, textbooks, laboratory and field work. Primarily for Freshmen and Sophomores. 4 points. 5 S. 6 T. W. Th. F. S.

2. **Botany.**—Continuation of course 1.
(Courses 1 and 2 are not eligible separately.)

3. **Zoology.**—This course includes the study in the laboratory, of representative types of animals; field work on the habits, haunts and adaptations of animals; with text-book and lectures to correlate the isolated observations of the students. Open to Sophomores, Juniors and prepared Freshmen. 4 points. 3 Th. S. 4 W. Th. F. S.

4. **Zoology.**—Continuation of 3.
(Courses 3 and 4 are not eligible separately.)

5. **Advanced General Biology.**—a. Economic Biology. b. Theoretical Biology. Lectures, references, theses. Course 5a includes a study of the more important ways in which biology bears on human interests. Course 5b comprises a study of the important discoveries and theories about life, variation, heredity, evolution, etc. First semester. 4 points. 5 T. W. F. S.

6. **General Physiology.**—This course will deal with the broad problems of plant and animal and human physiology; also with individual and social hygiene. It involves lectures, themes, laboratory and seminars. Second semester. 4 points. 5 T. W. F. S.

Courses 5 and 6 may be elected by Juniors and Seniors who are not specializing in Biology. There will be a differentiation within the course, involving added work on the part of those who wish to present these courses as part of a major in biology. The courses may be elected separately.

7 & 8. **Animal Histology and Embryology.**—8 points. Juniors and Seniors.

9 & 10. **Vegetable Histology.**—4 points. Juniors and Seniors.

Courses in Animal and Vegetable Histology will not be offered in one year.

(Prerequisites: Biology 1 to 4, or equivalent.)

Geology

1. **Elements of Geology and Paleontology.**—Text lectures, theses, and practical exercises in field and museum. Sophomores, Juniors and Seniors.
(Prerequisite: Biology C, D, or equivalent.)

Ancient Languages

James Denison Rogers, Ph.D., Professor of Ancient Languages.

Isabella T. Machan, A.M., Associate Professor.

Lucile M. Bragg, A.M., Instructor.

The course of study in this department for the first two years has been arranged with reference to the fact that many of the students who take Greek and Latin do not intend to specialize in these subjects, and it is therefore desirable to give them, in addition to a grammatical and linguistic training, an acquaintance with the subject-matter and literary merits of a considerable body of representative literature. In order to obtain this result authors of a simpler style have been selected, and considerable portions of their works and related writings assigned for rapid reading. In connection with the reading of Plato and Cicero during the first term, there will be included a thorough review of the fundamentals of accidence and syntax, and exercises in Greek and Latin composition will be required. During the first two years the student will be made acquainted with the legal and political antiquities of the Greeks and Romans, their history and mythology, the elements of archaeology, and the principles of comparative philology. In the last two years a more detailed study of the authors read will be required, and special courses in philology, archaeology and epigraphy will be given.

Latin

1, 2. **Latin of 1st Century B. C.**—De Senectute and De Amicitia of Cicero; Odes and Epodes of Horace, with readings from Catullus; Characteristics of Roman Literature. Prose Composition. Freshman year. 3 per semester. 3 W. F. S.

3, 4. **Latin of the Empire.**—Germania and Agricola of Tacitus; 4. Roman Satire and Epigram; Juvenal and Martial; Prose Composition (optional). Sophomore year. 3 per semester. 4 T. Th. S.

5. **Ars Poetica, Epistles of Horace and Book X. of Quintilian, or The Letters of Pliny.** These courses alternate. 3 points. 1 T. Th. S. Junior.

6. **The Capitivi, Trinummus and Rudens of Plautus, or Three Plays of Terence.** Lectures on the Roman Drama. 3 points. 1 T. Th. S. Junior.

7. **Cicero's Letters (I-XXV Abbott) and Book I of the Tusculan Disputations, or De Natura Deorum.** 3 points. 1 T, Th. S. Senior.

8. **Lucretius, Books I-III.** 1 T. Th. S. Senior. Prose Composition optional in any year. One hour.

9, 10. **Epigraphy.** 2 points. Seniors and graduates.

11. **Lectures on the Latin Language or Latin Literature,** English Course. Juniors and Seniors and graduates, 2. 2 T. Th.

12. **Monuments of Rome.** 2 points. Juniors and Seniors. 3 T. Th. Given 1913-14.

13, 14. **Teachers' Course.** Materials of Latin studies, and method of Latin instruction. 4 points. Given 1910-11 and 1913-14.

Greek

1, 2. **Athenian Greek.** 1. Apology and Crito of Plato. 2. Protagoras and Lucian. Prose composition. Freshmen. 3 per semester. 6 T. Th. F.

3, 4. **Greek Dialects.**—Demosthenes and Aeschines on the Crown. 4. The Persai of Aeschylus, with readings from Herodotus and Plutarch's Themistocles. Prose Composition (optional). The Phaeacian Episode of the Odyssey, with readings from Hesiod and the Homeric Hymns. Sophomores. 3 per semester. 7 T. Th. F.

5. **Herodotus, selections.** Juniors. 3. 4 W. F. 5 T.

6. **The Antigone of Sophocles and Alcestis of Euripedes.** Juniors. 3. 4 W. F. 5 T.

7. **Poetics of Aristotle,** with illustrative readings from Aeschylus. Sophocles, and Euripides. Seniors. 2.

8. **Thucydides.** Prose Composition (optional) Seniors. 2.

9, 10. **Epigraphy.** Juniors and Seniors. 2 per semester.

11. **Topography and Monuments of Greece,** with readings from Pausanias. Juniors and Seniors. 2.

13, 14. **New Testament Greek.** See Biblical History and Literature 19, 20

15. **History of Ancient Art.** Juniors and Seniors. 2. 3 T. Th. Given 1911-12 and 1913-14.

16. **Greek Literature, Lectures, English Course.** 2. Juniors and Seniors. 2 W. F.

17, 18. **Studies in Greek Art or History of Sculpture.** Juniors and Seniors. 1. The last two are designed especially for art students who have taken Fine Arts 19. Open to qualified students of all classes. 2 S.

English Language and Literature

Grace Patten Conant, A.M., Professor of English Language and Literature.

Catherine S. Vance, A.M., Instructor.

Bonnie R. Blackburn, A.B., Instructor.

Binney Gunnison, A.B., Professor of Public Speaking.

I English Composition

1. **Rhetoric and Composition.**—A theoretical study of the principles and qualities of good style, and a practical application of those principles to writing. Description, Narration. With this work is combined a study of representative prose masters, DeQuincey, Ruskin, Macaulay. Freshmen. Second semester. 4. 2 T. W. F. S. or 6 T. W. Th. F.

2. **Rhetoric and Composition.**—(Continuation of Course 1). Exposition, Argumentation. Prose masters, Carlyle, Emerson. Freshmen. Second semester. 4. 2 T. W. F. S. or 6 T. W. Th. F.

1c, 2c. **Rhetoric and Composition,** open only to engineers and specials. A condensation of courses 1 and 2. 3 points credit each semester. 3 T. W. F.

15. **Advanced Composition.** Book Review, Essay, Literary Criticism. For students of literary ability who desire opportunity for further study of the art of writing. First semester. 1. 4 W.

16. **Advanced Composition.** The Short-Story. The history, development and structure of the short-story; frequent writing and careful suggestion and criticism. A second section of this course is open to teachers of the city schools. Second semester. 1. 4 W.

19. **Appreciation of Literature.** Discussion of representative essays upon style and application of their principles to writing as a fine art. First semester. 1. 1 S.

21. **Special Composition.** A course designed for students who need more practice in composition. First semester. 2 hours. No credit. 8 W. F.

II. English Literature

3. **Introduction to English Literature.**—A survey of English Literature from Beowulf to Milton. The purpose of the course is to give a knowledge of the development of English Literature by introducing the student to a few characteristic works of the less important writers, to practically all of the poems of Chaucer and Spenser, and to six of the plays of Shakespeare. Sophomores. First semester. 4. 1 T. W. Th. F.

4. **Introduction to English Literature.**—A survey of English Literature from Milton through Wordsworth. Special study of Milton, Dryden, Swift, Addison, Pope, Burns and Wordsworth. Continuation of Course 3. Sophomores. Second semester, 4. 1 T. W. Th. F.

5. **American Literature.**—Assigned readings, reports and discussions of the literature of the Colonial and Revolutionary periods, followed by a study of the Nineteenth Century writers, Bryant, Irving, Poe, Hawthorne, Longfellow, Whittier, Emerson, Lowell, Whitman and Lanier. First semester, 4. Juniors, Seniors. (1913-14). 5 T. W. Th. F.

6. **The Novel.**—A study of the art of prose fiction and of representative novels of Scott, Jane Austen, Dickens, Thackeray, George Eliot and Meredith. Second semester, 4. Juniors, Seniors. (1913-14). 5 T. W. Th. F.

7. **Introduction to European Literature.**—Collateral readings and study in translation of Homer's Iliad and Odyssey, the Greek and Roman Drama, Virgil's Aeneid, the Nibelungenlied. First semester, 4. (1912-13). Juniors, Seniors. 5 T. W. Th. F.

8. **Introduction to European Literature.**—(Continuation of Course 7). Special study of Dante's Divine Comedy, Goethe's Faust, Tasso's Jerusalem Delivered, Corneille's Le Cid, Cervantes' Don Quixote. Second semester, 4. (1912-13). Juniors, Seniors. 5 T. W. Th. F.

9. **The Romantic Movement.**—A study of the rise and development of the Romantic Movement in English Poetry, with intensive study of the greater Romantic poets—Burns, Wordsworth, Coleridge, Byron, Shelley and Keats. First semester, 3. (1913-14). Juniors, Seniors. 3-4 S.

10. **Victorian Poetry.**—A comprehensive study of Tennyson and Browning; a brief study of Rossetti, Arnold, Swinburne and Morris. Second semester, 3. (1913-14). Juniors, Seniors. 3-4 S.

11. **The Drama**—Lectures on the origin and development of the drama. Rapid reading of representative plays of pre-Shakespearean dramatists and of the works of Shakespeare as a whole. Detailed study of twenty plays of Shakespeare, with especial emphasis on content and dramatic technique. First semester, 3. (1912-13). Juniors, Seniors. 3-4 S.

12. **The Drama.**—A study of the modern drama, especially the works of Ibsen, Hauptmann, Shaw, Sudermann, D'Annunzio and Maeterlinck. (Course 12 or 13 will be given in 1912-13). Second semester, 3. Juniors, Seniors. 3-4 S.

13. **Old English.**—Grammar and easy reading. Selections from Beowulf, with study of meter and literary characteristics of old English poetry. Students should consult instructor before registering. Second semester, 3. Juniors, Seniors.

17. **Modern English Poetry.**—A course designed especially for city teachers. First and second semester, 2. (1913-14).

18. **Comparative Literature.**—A course designed especially for city teachers. First and second semester, 2. (1912-13.)

20. **Teachers' Training Course.**—Study of methods of teaching English Composition and the Classics required for entrance to college. Practical teaching with criticism. Second semester, 1. 1 S.

21. **Library Use.**—A study designed to give students a knowledge of the use of a library. It includes a study of the classification and arrangement of books and bibliographies, acquaintance with reference books, the choice of text-books with consideration of editions, translations and publications. First semester. No credit.

Vocal Expression and Public Speaking

Binney Gunnison, A.B., Professor of Public Speaking.

B. **Vocal Expression.**—Reading and Recitation. Text-Book: Classics for Vocal Expression. Academy and Freshmen. Second semester, 2. 6 T. Th.

1. **Extemporaneous Speaking.**—Facility in thinking and speaking before an audience. Different forms of thinking in public speech. Freshmen and Sophomores. First semester, 1. 1 S.

2. **Extemporaneous Speaking.**—Various subjects for treatment in public speech. Freshmen and Sophomores. Second semester, 1. 1 S.

3, 4. **Vocal Expression (General Course).**—General investigation of the action of the mind, of the voice and of the body, in the expression of thought and emotion. Vocal training. Recitation and criticism. Text-book: Foundations of Expression. Freshmen and Sophomores. Each semester, 5. 2 T. W. Th. F. S.

5, 6. **Vocal Expression (Advanced Course).**—More detailed study of the imagination in its application to art, literature and expression. Control of emotion, sympathetic identification of character and situation. Voice training for range, flexibility and tone-color. Text-book: Imagination and Dramatic Instinct. Sophomores and Juniors. Each semester, 4. 4 T. W. Th. F.

7. **Argumentation.**—The theory of argumentation in speeches and debates. Text-book: Argumentation and Debate—Denney-Duncan—McKinney. First semester, 2. 1 W. F.

8. **Debate.**—The practice of argumentation in speeches and debates. Second semester, 2. 1 W. F.

9. **Platform Addresses; Their Structure.**—Study of famous orations to discover their structure. First semester, 2. 1 T. Th.

10. **Platform Addresses; Their Structure and Delivery.**—Practical formation and utterance of addresses of various kinds. Sophomores and Juniors. Second semester, 2. 1 T. Th.

11, 12. **Public Reading.**—Adaptation of literature to public reading. Rendition with criticism. First semester: Arrangement and production of an evening's program from the typical writings of a single author. Second semester: Arrangement and production of an evening's program from a single large work in literature. Juniors who have taken vocal expression 3, 4. Each semester, 2. 6 W. F.

Mathematics

Walter J. Risley, A.M., Professor Mathematics.

Alvin Hertwig, B.S., Instructor.

The first year's work (required of all students except in School of Commerce and Finance) is made to touch all the lines of mathematical thought. The student comes to some knowledge of the object of mathematical investigation and of some of its most far-reaching conclusions. Emphasis is put upon its relationship to the whole body of human knowledge. The aim is to give a wide perspective as well as skill in handling certain problems. In the second year's work the student becomes more familiar with those fundamental processes and methods which are needed for the higher work.

The advanced College courses are for the student who desires to specialize in mathematics. They introduce him to the wider fields and the more powerful methods. He thus becomes equipped for entering upon graduate study.

The department has an excellent collection of models covering undergraduate work. These include a full set of Hanstein's apparatus; stereoscopic views; full sets of regular, semi-regular and Archimedes solids; a set of the Kepler-Poinsot bodies; a set of the 32 simple crystal forms; a large number of solids of rotation; several thread models; several

plaster models; models for theorems in kinematics; some linkages; several drawings of higher curves; models for illustrating methods in solid analytics; several models and drawings to illustrate four-dimensioned solids. This collection is added to yearly, and will soon cover every type of problem arising in undergraduate study.

Elementary College Courses

Primarily for Liberal Arts

1. **Algebra.**—A short review of the elementary algebraic processes, followed by a study of some of the more advanced topics, including theory of equation, variation, the progressions, mathematical induction, binominal theorem, undetermined coefficients, determinants, etc. Constant use is made of graphical methods. Many applications are made to problems in physics, chemistry, etc. First semester, 4 points. Prescribed for Liberal Arts. 5 T. W. Th. F.

2. **Trigonometry.**—The application of the circular functions to the solution of triangles and to problems in geometry, etc. Trigonometric equations and identities; logarithmic calculations. Second semester, 4 points. Prescribed for Liberal Arts. 5 T. W. Th. F.

3. **Analytic Geometry.**—The theory of the analytic geometry of the point, the straight line, the conic sections and some higher plane curves, with their most important applications. Sophomores or Juniors, 4. First semester, 3 T. W. Th. F. (or S.).

4. **Calculus.**—An elementary course with applications to the more simple problems of geometry, physics, and chemistry. Sophomores or Juniors, 4. Second semester, 3 T. W. Th. F. (or S.).

Mathematics 3 and 4 may be elected as 5 hour courses.

Primarily for Engineers

5, 6. **Algebra, Trigonometry and Analytic Geometry.**—During the first semester emphasis is placed on trigonometry and algebra with those parts of analytic geometry that are needed in the graphical treatment of these subjects; the second semester is largely devoted to the problems of analytic geometry. The development of methods of attack and of powers of analysis is constantly sought. The graphical treatment of mathematical and engineering problems is made a leading feature of the course.

A good working knowledge of elementary algebra is essential at the beginning of these courses; it is therefore strongly urged that a thorough review of algebra, through quadratic equations, be made shortly before entering.

Credit will not be given for a half year in this course. All engineers. 10 points. Daily, 4th period.

7. **Calculus.**—The elements of the differential calculus with its applications to curve plotting, rates, maxima and minima; the fundamental forms of integration with application to plane areas in rectangular and polar coordinates. Sophomore engineers. 5 points. Daily, 2nd period.

8. **Calculus.**—Applications of definite integrals to problems in plane areas, lengths of arcs, and surfaces of revolution; volumes of revolution by means of parallel cross-sections; successive integration with applications to areas, surfaces and volumes; approximate methods of integration; Taylor's Theorem; subtangents; asymptotes; curvature; elementary differential equations. Sophomore engineers. 4 points are required, though the class may elect to take the course for 5 points. 2 T. W. Th. F. (S.).

The above courses are given every year. A considerable collection of models and figures set up in space or modeled in plastelene exemplify the geometry courses. **Drawing to scale, graphic treatments and verification of results aid in the other courses.**

The following courses may count as courses in mathematics: Descriptive Geometry, C. E. 2; Mechanics, C. E. 20, 21.

Advanced College Courses

9. **Pure Geometry.**—Modern pure geometry, including the theory of projection, inversion, duality, polarity, etc. First semester, 3 points. (1912-13.) Elective for Sophomores or Juniors. 6 T. W. F.

10. **Advanced Analytic Geometry.**—A generalized treatment of co-ordinates, correspondence of various kinds, descriptive properties of curves, projective properties, transformations, and invariantive properties. Second semester, 3. (1912-13.) Elective for Sophomores or Juniors. 6 T. W. F.

11. **Advanced Algebra.**—A treatment of the rational integral function and its roots, symmetric functions and other functions of the roots, Galois' substitution groups and their applications. First semester, 3. (1913-14). Elective for Sophomores and Juniors. 6 T. W. Th. S.

12. **Advanced Algebra.**—Matrices and linear groups and invariants, with applications. Second semester, 3 points. (1913-14). Elective for Sophomores and Juniors. 6 T. Th. S.

13, 14. **Advanced Calculus.**—Differential equations, definite integrals, Taylor's Series, maxima and minima, variations. One year (1912-13), 8 Elective for those who have had calculus. Juniors, Seniors.

The advanced courses may be elected as 4 or 5 hour courses.

Courses for Master's Degree in Mathematics

Elementary Theory of Functions with applications.
Newtonian Potential Functions.
Fourier's Series and Spherical Harmonics.
Infinite Series and Products.
Higher Plane Curves.
Theory of Invariants with applications.
Vector Analysis.

See regulations concerning the master's degree, page 38.

Note.—Students in Liberal Arts courses are permitted to offer courses 3, 4 or 5, 6 in Fine Arts, or 3, 4, 5, 6 in Applied Arts, 8 points, as a substitute for the prescribed mathematics, of 8 points.

History and Political Science

Albert T. Mills, A.M., Professor of History and Political Science.

1. **History of England.**—A description of physical features, of Germanic invasions, and of primitive Anglo-Saxon institutions; England's conversion to Christianity, the struggle for ecclesiastical independence from Rome, and the Puritan Revolution; the House of Commons; the development of parties, the cabinet, and the extension of suffrage; the spread of British influence. 5. T. W. Th. F. Freshmen, Sophomores.

2a. **English Industrial History.**—Economic aspects of the manor, the gilds, national industry, the unregulated factory, and the conditions which produced industrial classes, factory reform, public charities, and free trade. 5. T. W. Th. F. Freshmen, Sophomores.

2b. **Industrial History of the United States.**—A systematic study of a virile and energetic people who appropriated and developed the wonderful natural resources of a new continent, with such eminent success that our industrial development has no parallel in the world's history. 5. T. W. Th. F. Freshmen, Sophomores.

3a. **American History.—The Colonies.**—European conditions that gave rise to discovery and colonizing enterprises; institutional development; and the victory of the forces of union over those of particularism. 1. T. W. Th. F. Junior credit, if preceded by History 1 and 2 or 11 and 12 and taken as late as Junior year.

3b. **The Formation of the Union.**—The political and economic reasons for the Revolution, the problems of imperial organization, and the adoption of the Constitution. 1. T. W. Th. F.

4. **American History.**—A continuation of 3b. Leading branches of the course will be: (a) the Federal and the Jeffersonian systems, the rise of the new West, the Jacksonian democracy; (b) the trial of nationality by slavery and by territorial extension; (c) reconstruction, political and economic. 1. T. W. Th. F.

5, 6. **American History.**—Special problems since 1876. Two hours a week, to be arranged. Juniors, Seniors.

7. **Federal Constitutional Law of the U. S.**—The general principles of constitutional law as they pertain to the federal and state systems. The study will include the Constitution itself, a manual which presents the principles of the law, and a number of leading cases in which those principles are developed. The cases embrace the subjects of commerce, taxation, money, police power, impairment of contracts, political questions, injunctions, and others. 2. T. W. Th. Juniors, Seniors. (Omitted 1912-13.)

8. **Public International Law.**—The intention of the course is to acquaint students with the laws governing states in their normal relations, in their relations of war, and in their relations of neutrality. Illustrations from American history will be presented in the main; others will be used, however, and a fair knowledge of European history from the treaty of Westphalia, 1648, to the last Hague Peace Conference is required. 2. T. Th. Juniors, Seniors.

9. **National Administration of the United States.**—A detailed study of the work of our president and the members of the cabinet. A comparison of our national administration will be made with those of England, Germany and France. 2. T. W. Th. Juniors, Seniors.

10. **Nineteenth Century Politics.**—Practical conclusions of the evolution of civilization are applied to present day affairs,—politics, education, government, society, etc. The ideals of laissez-faire, liberty and equality, labor time, universal suffrage, peace-at-any price, and others are examined. The problems of France, England and the United States are pointed out and twentieth century reconstruction forecasted. 2. T. Th. Juniors, Seniors. (Omitted 1912-13.)

11, 12. **European History.**—A comprehensive study of the development of modern Europe from 800 A. D. to the present time. Four hours. 4. T. Th. F. S. Freshmen, Sophomores.

Note.—Students who major in History and Political Science may receive credit for courses taken in other departments as follows, to the amount of one year: Elementary Law, Commercial Law; Bible History; Economics.

Modern Languages

Robert J. Kellogg, Ph.D., Professor of Modern Languages.

Faith Hunter Dodge, Ph.B., Associate Professor, Romance Languages.

Bonnie Blackburn, A.B., Instructor in Modern Languages.

Caroline Lutz, A.B., Instructor in German.

E. Margaret Potts, A.B., Instructor in French.

Laura Olivia Kriege, 1913, Student Assistant in German.

The College courses in Modern Languages aim to give (1) an acquaintance with national literature and life and the history of the languages and literature; (2) ability to read more difficult works fluently at sight; (3) a thoro grounding in the practical understanding and use of the language.

The two years of required Academy work (A-B, C-D) in either French or German, cover the same ground as the first year College courses (1-2), and may, by special permission, be counted as first year College work, with a maximum credit of ten points by students not offering them to fulfill entrance requirements. Fourth year Academy students desiring to complete the required Academy work in one year, may, by special permission, substitute College courses 1-2 for Academy work, with a total credit of ten points instead of sixteen.

One year of either French or Latin, including a thoro grammatical knowledge of the language, is prerequisite for Beginning Spanish.

A single semester's work in a beginning foreign language cannot be counted as points toward graduation until a full year's work is completed.

The work of all courses in Modern Languages is conducted mainly in the language taught.

German

1, 2. **Beginning German.**—Reading, conversation, composition and grammar based on reading. 5 points. 1 or 5 T. W. Th. F. S. Freshmen.

3, 4. **Introduction to German Literature.**—3. Lessing's Minna von Barnhelm, Freytag's Journalisten, German Composition. 4. Goethe's Hermann und Dorothea, Schiller's Wilhelm Tell, German Composition. 4 points. 7 T. W. Th. F. Freshman and Sophomore.

5, 6. **Selections from Nineteenth Century Authors.**—5. Grillparzer's Der Arme Spielmann, Zschokke's Der Tote Gast and Das Abenteuer der Neujahrsnacht, Stern's Geschichten von Deutschen Städten. Practice in free reproduction. 6. Hauff's Lichtenstein, Freytag's Der Rittmeister von Alt-Rosen, Sybel's Die Erhebung Europas. German themes. 3 points. Sophomore. Omitted in 1912-13.

7, 8. **German Life and Conversation.**—Allen's Herein, Bacon's Im Vaterland, Newson's German Daily Life, Heath's Deutsches Liederbuch. Conversation, oral and written free reproduction, and German themes. 3 points. 3 T. Th. F. Sophomore and Junior.

9, 10. **The Modern Novel.**—Selected works of E. T. A. Hoffman, Freytag, Spielhagen, Ebers, Gerstäcker, Scheffel, Meyer, Sudermann, etc. Given in 1913-14. 3 points. 3 T. Th. F. Junior and Senior.

11, 12. **Tales and Short Stories.**—Works of such authors as Chamisso, Hauff, Zschokke, Gerstäcker, Keller, Storm, Baumbach, Heyse, Wilbrandt, Seidel, Riehl, Ebner-Eschenbach, Böhlau. Given in 1914-15. 3 points. 6 T. Th. F. Junior and Senior.

13, 14. **German Poetry.**—Goethe, Schiller, Uhland, Heine, Scheffel; Klenze's Deutsche Gedichte; Heath's Deutsches Liederbuch. Given in 1915-16. 3 points. 6 T. Th. F. Junior and Senior.

15, 16. **Modern Drama.**—Selections from such authors as Grillparzer, Hebbel, Ludwig, Freytag, Wagner, Sudermann, Hauptmann, Fulda, Ernst, Benedix, Wilhelmi. Given in 1912-13. 3 points. 6 T. Th. F. Junior and Senior.

17, 18. History of German Literature.—17. From the earliest times to the classical period. 18. From the classical period to the present day. Given in 1913-14. 3 points. 4 T. Th. F. Senior and Graduate.

19, 20. Teachers' Course.—Behagel's Historical Grammar of German. Viëtor's German Pronunciation, Report of the Committee of Twelve, Bagster-Collins' German in Secondary Schools. Discussion of problems, aims, methods, text-books, helps, etc. Given in 1912-13. 3 points. 4 T. Th. F. Senior and Graduate.

21, 22. Gothic.—Wright's Gothic Primer, Braune-Balg's Gothic Grammar. Bernhardt's Gotische Bibel. Outlines of Germanic Philology. Given in 1913-14. 2 points. 6 and 7 S. Graduate.

23, 24. Old High German.—Wright's Old High German Primer, Braune's Althochdeutsches Lesebuch and Althochdeutsche Grammatik. Outline of West Germanic Philology. Given in 1914-15. 2 points. 6 and 7 S. Graduate.

25, 26. Middle High German.—25. Wright's High German Primer. Pfeiffer's Walther von der Vogelweide. 26. Braunes' Mittelhochdeutsche Grammatik, the Nibelungenlied. Given in 1912-13.

Deutscher Verein.—German social and conversation circle meeting alternate weeks at the homes of members of the faculty or others. No credit in University hours.

French

1, 2. Beginning French.—Pronunciation with phonetics; conversation; memorizing of anecdotes, songs and fables; composition; grammar and reading. 5 points. 2 T. W. Th. F. S. Freshman.

3, 4. Introduction to French Literature.—La Chanson de Roland (ed. Geddes); selections from Corneille, Racine, Molière, Balzac, Coppée, Daudet, Mérimée, Maupassant, Augier, Labiche et Martin, France; weekly lectures on the history of French literature. 4 points. 3 T. W. Th. F. Sophomore.

5, 6. Study of French Life and Institutions.—A conversation and composition course. Newson's French Daily Life; François Advanced Composition; reports upon reading from French magazines and newspapers; oral and written free reproduction of class lectures and outside reading, talks and themes in French. 3 points. 4 T. Th. F. Junior.

9, 10. The Modern Novel.—Readings from Sandeau, Feuillet, About, Flaubert, Hugo, Zola, Daudet, Vigny, Bazin, Loti, France, etc. Lectures and reports on authors read. Given in 1913-14. 3 points. 4 T. Th. F. Junior and Senior.

11, 12. Literary Movements of the Nineteenth Century.—With especial consideration of the Romantic Movement and the literature of criticism. Selections from such authors as Hugo, Taine, Sainte-Beuve, Balzac, Zola, Sand, Dumas, Lemaître, Mérimée, Vigny. Lectures and reports on authors read. Given in 1914-15. 3 points. 4 T. Th. F. Junior and Senior.

13, 14. Drama of the Eighteenth and Nineteenth Centuries.—Selected works of Marivaux, Voltaire, Sedaine, Diderot, Beaumarchais, Dumas, Scribe, Sardou, Hugo, Rostand, etc. Lectures and reports on authors read. Given in 1911-12. 3 points. 4 T. Th. F. Junior and Senior.

15, 16. Tales and Lyrics.—15. Tales and short stories from such writers as Richepin, Bazin, Loti, Coppée, Halévy, Marin, Claretie, Daudet, Maupassant, Mérimée, Mairet, Victor et Paul Marguerite. 16. Lyric Poetry. Selections from Villon, Ronsard, Malherbe, Béranger, Hugo, de Musset, Lamartine, Gautier, Baudelaire, Coppée, Leconte de Lisle, Prudhomme. Lectures and reports on authors read. Given in 1912-13. 3 points. 4 T. Th. F. Junior and Senior.

17, 18. The Classical Drama.—Selected works of Rotrou, Corneille, Racine, Molière. Lecture and reports on authors read. Given in 1912-13. 3 points. 7 T. Th. F. Senior and Graduate.

19, 20. Prose Writers of the Seventeenth and Eighteenth Centuries.—Selected works of Pascal, Bossuet, La Bruyère, Rousseau, Voltaire, Montesquieu. Lectures and reports on authors read. Given in 1913-14. 3 points. 7 T. Th. F. Senior and Graduate.

21, 22. History of French Literature.—From the Chansons de egstes to the present day. Lectures, reports and collateral reading. 3 points. 7 T. Th. F. Senior and Graduate. Alternates with 23-24.

23, 24. History of French Language and Introduction to Old French.—**23. Historical French Grammar.** Beginnings of the language and early developments. Introduction to phonology and phonetics. Nyrop: Historical French Grammar, Vol. I; Viëtor's Elements of Phonetics; Bell's Visible Speech. **24. Introduction to Old French.** La Chanson de Roland (ed. Léon Gautier); selections from La Vie de Saint-Alexis, Le Chavalier au Lion, Aucassin et Nicollette, Le Roman de Renard, Le Roman de la Rose. 3 points. 7 T. Th. F. Senior and Graduate. Alternate with 21-22.

Spanish.

1, 2. Beginning Spanish.—Grammar with practice in writing and speaking. Reading of elementary texts and selected modern plays. 5 points. 1 T. W. Th. F. S. Freshman and Sophomore.

3, 4. Introduction to Spanish Literature.—Drama and novels; selected readings from Padre Isla, Cervantes, Lope de Vega, Calderón, Echegaray, Tomayo, Galdós, Valera, Alarcón, Moratín, Bazán. Composition, letter writing and business forms. 4 points. 6. T. W. Th. F. Sophomore and Junior.

5, 6. Advanced Literature and Composition.—3 points. Junior and Senior.

Chemistry

John C. Hessler, Ph.D., Professor of Chemistry.

Frederick F. Joel, 1913, Student Assistant.

Howard File, 1914, Student Laboratory Assistant.

1. Inorganic Chemistry.—Freshman. Two lectures, two double laboratory periods per week, for one year. 4. 1, 2 Th. 3 W. F. S. 4 S. or 3 T. W. Th. F. 4 T. Th.

This is a beginner's course in general descriptive inorganic chemistry. It covers thoroughly the fundamental laws of chemistry, with a detailed study of the properties, manufacture and uses of the most important inorganic elements and compounds. A few lectures at the end of the year will be devoted to the most important organic compounds.

This course is complete in itself, and does not presuppose that the student has already studied chemistry.

Preparation required: Academic Physics or Biology with laboratory.

2. Continuation of Course 1. Courses 1 and 2 not eligible separately.

3. Freshman Engineering Chemistry.—Two lectures, two double laboratory periods weekly for one year. 4. 1 W. S. 2 T. W. F. S.

This is a beginner's course in general inorganic chemistry, and is required of all engineering students. It covers the fundamental laws and theories of chemistry, with a detailed study of those elements and compounds especially important either from the standpoint of general or industrial chemistry. Emphasis is laid upon industrial processes and the metallurgy of the common metals.

Preparation required: Academy Physics with Laboratory.

4. Continuation of Course 3. Courses 3 and 4 not eligible separately.

5. Qualitative Analysis.

Four double laboratory periods for one year. 4. 5, 6 T. W. Th. F.

This is a laboratory course in qualitative analysis. There will be lectures and quizzes, but it is primarily a laboratory course which aims to develop self-reliance and accuracy of observation in the student, as well as to prepare for further chemical work. The last few weeks will be devoted to a few of the more simple gravimetric analyses.

Preparation required: Chemistry 1 and 2 or 3 and 4.

6. Continuation of 5.

7. Quantitative Chemistry.—Four double laboratory periods (or more as students may elect) per week for one year. 4.

This is a course in general quantitive analysis in which the diligent student has sufficient practice in both gravimetric and volumetric processes to make him an accurate, confident, self-reliant worker. He is also required to make several inorganic preparations, choosing mainly those processes which are of industrial interest.

Preparation required: Chemistry 1 and 2 (or 3 and 4) and 5 and 6.

8. Continuation of Course 7.

9. Organic Chemistry.

Two lectures, three double laboratory periods per week for one year. 4.

The work will consist of lectures and recitations on organic chemistry, with laboratory work in preparations, organic reactions, organic analysis, and molecular weight determinations.

Preparation required: 1 and 2 (or 3 and 4), 5 and 6, and 7 (or 8).

10. Continuation of 9. Courses 9 and 10 not eligible separately.

11. Physical Chemistry.—Lectures and recitations in elementary physical chemistry, and laboratory work in physico-chemical methods. Two lectures and three double laboratory periods. Second semester. 2. Preparation required: 1 and 2 (or 3 and 4), 5 and 6, 7 (or 8).

12. Theses.

Physics

Benjamin B. James, A.M., Professor of Physics.

Thomas A. Davis, Student Laboratory Assistant.

1, 2. General Physics.—Five credits. 3 W. F. 4 T. W. Th. F. S. Freshmen and Sophomores.

Text-books: Carhart's College Physics, Dayton Clarence Miller's Laboratory Physics.

This course is for those desiring a more thoro course in physics than they offered on entering College. It covers in a more general manner and in a more scientific way the ground already covered in the secondary school.

The mathematics of the course is simplified as much as possible, and while in all that is attempted rigidity of proof is regarded as of importance, the course is primarily cultural in nature and designed for general information.

Biblical History and Literature

*The Mr. and Mrs. Matthew Robb Chair.

Theophile J. Meek, A.B., B.D., Professor of Biblical History and Literature.

Ever more and more the world is demanding that a liberal education shall include a knowledge of the Hebrew people—their history and their literature. It is not enough merely to know something of the history and literature of the Greeks and Romans. "Man is incurably religious." Religion is and always has been the greatest factor in the life of man. It is to the Hebrew people that we look for the world's greatest religion, and it is right then that the world should demand some knowledge of that people from her educated men and women. To meet this growing demand the Matthew Robb Chair of Biblical History and Literature has been founded in the University.

The purpose of the Chair is not merely to give instruction, but to systematize the knowledge of the Bible which the student already possesses and to stimulate investigation and research along Biblical lines. The courses are not intended simply for prospective ministers or Christian workers, but for the whole student body.

All the courses are elective. The department is on the same basis as the other departments of the University. Students may select their major in this department as they would in any other, or elect only so much of it as they desire. Points obtained in Biblical History, Biblical Literature and Biblical Greek are credited in the departments of History and Political Science, of English Language and Literature, and Ancient Languages respectively. To enhance the interest and value of the work, the instruction of the class room is illustrated by lantern-slides, photographs, antiques, etc.

The Acolyte Club was reorganized in February, 1910, and is now an adjunct to the department. Membership is open to students intending to enter the ministry, or other active Christian work.

1, 2. Introduction to the English Bible.—What the Bible is; how we got our Bible; languages of the Bible; story of the Canon and Apocrypha; history of the English Bible; its literary character and importance; interpretation of the Bible; question of inspiration; geography and peoples of Bible lands. Lectures and text-book. Price, "Ancestry of Our English Bible." Open to all. 1 point per semester. 4 S.

3, 4. History of Israel to the Exile.—The forerunners of the Semites; the origin of the Semites and their settlements; the social, political and religious history of the Hebrews through the stages of nomadic origin, settlement in Canaan, monarchy and dissolution of the state. Text-book: Kent, "History of the Hebrew People." Freshmen. 2 points per semester. 4 W. F.

5, 6. The Post Exilic Period.—The social, political and religious history of the Jews through the stages of exile, return from exile, Persian and Greek domination, Maccabean struggle for liberty, and Roman conquest. Text-book: Kent and Riggs, "History of the Jewish People." Freshmen and Sophomores. 2 points per semester. 3 W. F.

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*Endowed in their memory by their daughters, Mrs. Eliza J. Stansbury and Mrs. Lydia E. Phillips.

7. **The Time of Jesus.**—The history of Palestine in the time of Jesus; the life of Jesus; the teaching of Jesus and its relation to the teaching of His day. Text-book: Rhees' "Life of Jesus." Sophomores and Juniors. 2 points per semester. 2 W. F.

8. **The Apostolic Age.**—The founding of the Christian Church; the life of Paul; the spread of Christianity; the history of the early church; the development of religious ideas and institutions through the period. Text-book: Purves, "The Apostolic Age." Sophomores and Juniors. 2 points per semester. 2 W. F.

9, 10. **Church History.**—The history of the Christian Church from about 100 A. D. to the Reformation. Text-book: Zenos, "Compendium of Church History." (To alternate with 7 and 8.) Juniors and Seniors. 2 points per semester. 2 W. F.

11, 12. **Biblical Literature.**—A chronological and analytical study of the literature of the Bible; an intensive study of certain representative writings. Seminar. 2 points per semester. 2 T. Th.

13, 14. **Biblical Archaeology.**—The exploration of ancient sites in Egypt, Syria and Babylonia and their bearing on the Bible. (To alternate with 15 and 16.) Seminar. 1 point per semester. 1 S.

15,16. **Methods of Bible Teaching.**—A discussion of what religion is and the relation of the Bible thereto; the psychology of religion; the necessity of religious education and how best it may be achieved; the study of methods and the practical application of the same. Seminar. 2 points per semester. 3 T. Th.

17, 18. **Old Testament Hebrew.**—Elementary course, Grammar, exercises and the reading of the Book of Genesis. This course is especially adapted to students who have the ministry in view, but is suitable also for those who desire some acquaintance with the elements of Semitic languages. Open to all. 2 points per semester. 5 T. Th.

19, 20. **New Testament Greek.**—A philological and exegetical study of selected portions of the New Testament. Some knowledge of Greek is required for this course. Open to all. 2. 5 W. F.

All courses except 9, 10, 13, 14 will be given during the session 1912-13.

Advanced Hebrew and courses in any other Semitic language will be given upon request.

The following course is recommended for those who propose to prepare themselves for religious leadership. Its purpose is the training of religious leaders and specialists to meet the urgent and ever-increasing demand at home and abroad for religious educators, directors and assistants. It is taken for granted that some previous training in Latin and possibly Greek has been received in the High School. For certain of the subjects, Pedagogy or Stenography may be substituted as one desires to qualify as S. S. Specialist or Pastor's Assistant.

Freshman—			
English, 1, 2	4.4	6	T. W. Th. F.
Mathematics, 1, 2	4.4	5	T. W. Th. F.
Biology, C. D	4.4	1 2	W. F. and T. W. Th. F.
Vocal Expression, 1, 2	1.1	1	S.
Bible, 1, 2	1.1	4	S.
Bible, 3, 4	2.2	4	W. F.
Sophomore—			
English, 3, 4	4.4	1	T. W. Th. F.
English, 15, 16	1.1	4	W.
German, 1, 2	5.5	5	T. W. Th. F. S.
History, 11, 12	4.4	4	T. Th. F. S.
Bible, 5, 6	2.2	3	W. F.
Junior—			
German, 3, 4	4.4	7	T. W. Th. F.
History, 3, 4	4.4	1	T. W. Th. F.
Greek, 1, 2	3.3	6	T. Th. F.
Com. Fin., 27, 28	2.2	6	T. W.
Bible, 7, 8, or 9, 10	2.2	2	W. F.
Bible, 11, 12	2.2	2	T. Th.
Senior—			
Philosophy, 1, 2, 3	4.4	4	T. W. Th. F.
Vocal Expression, 9, 10	2.2	1	T. Th.
Bible, 13, 14	1.1	1	S.
Bible, 11, 12, Cont'd	2.2	2	T. Th.
Bible, 15, 16	2.2	3	T. Th.
Bible, 17, 18	2.2	5	T. Th.
Bible, 19, 20	2.2	5	W. F.
Thesis			

The SCHOOL OF ENGINEERING

THE FACULTY

Albert R. Taylor, Ph.D., LL.D., President.

James D. Rogers, Ph.D., Dean of the College.

Eugene C. Woodruff, Ph.D., Professor of Electrical Engineering.

George F. Eckhard, B.S., C.E., Professor of Civil Engineering.

Walter J. Risley, A.M., Professor of Mathematics.

John C. Hessler, Ph.D., Professor of Chemistry.

Thomas W. Galloway, Ph.D., Professor of Geology.

W. Wilberforce Smith, LL.D., Professor of Commerce and Finance.

Benjamin B. James, A.M., Professor of Physics.

Lorell M. Cole, Professor of Manual Training.

Robert J. Kellogg, Ph.D., Professor of Modern Languages.

Grace Patten Conant, A.M., Professor of English Language and Literature.

Faith H. Dodge, Ph.B., Associate Professor, Romance Languages.

Frank Clifford Miller, B.S. in M.E., Instructor in Pattern and Foundry Work.

Admission to this school requires the completion of course I or course II in the Academy or its equivalent elsewhere. See pages 48 and 9.

Three two-year introductory courses in engineering are offered: Mechanical Engineering, Electrical Engineering, and Civil Engineering. The work is made thoroughly practical by the use of the shop, the laboratory and the field, and by visits of inspection to plants illustrating engineering practice. Decatur offers superior opportunities for such inspection and study.

The mathematics, drafting, physical and chemical sciences, modern languages, and much of the technical work demanded in the first two years of these three courses are very similar. The specialization leading to the degree in all engineering schools comes largely in the last two years in the course.

The courses for the Freshman and Sophomore years, as here outlined, are intended to fit students for entrance to Junior standing in the best engineering schools and colleges in the country.

Note.—The courses for the Junior and Senior years, approximately as heretofore offered, are also given for convenient reference for students who may wish to take those years elsewhere, tho some modifications will probably be found in some institutions.

Mechanical and Electrical Engineering

Eugene C. Woodruff, Ph.D., Professor of Electrical Engineering.

Lorell M. Cole, Professor of Manual Training.

Frank Clifford Miller, B.S., Instructor in Pattern Making and Foundry Work.

This course has been planned with the belief that the first essential to a successful engineer is a thorough training in mathematics, the physical sciences and in the fundamental principles of engineering. Attention is given, not only to the study of the theory, but to its practical application in the class-rooms, shops and laboratories. It is in harmony with the best courses in other engineering schools and gives a fine preparation for the Junior and Senior courses almost anywhere. The equipment for these courses is most ample as well as thoroughly up-to-date in every respect.

Course of Study for the Degree of B.S. in Mechanical Engineering.

Freshman—					
Trigonometry, Algebra, Analytics, Math., 5, 6..			5.5	4	T. W. Th. F. S.
Chemistry, Chem. 3, 4....	(6)	(6)	4.4	1 2	W. S. T. W. F. S.
English, Eng. 1c, 2c....			3.3	3	T. Th. F.
Carpentry, Pat. and Foundry, M. E., 1, 2..	(6)	(6)	2.2	5, 6, 7	T. Th.
Drawing, M. E., 7......	(9)	(0)	3.0	5, 6, 7	M. W. F.
Descriptive Geom., C. E., 2..................	(0)	(7)	0.3	5, 6, 7	W. F. 5 S.
Sophomore—					
Calculus, Math. 7, 8....	(5)	(4)	5.4	2	T. W. Th. F. S.
Physics, Phys., 1, 2.....	(7)	(7)	5.5 and	4 3	T. W. Th. F. S. W. F.
Mechanics, C. E., 20....	(0)	(2)	0.2	3	T. Th.
Mechanical Drawing, M. E., 8	(9)	(0)	3.0	5, 6, 7	T. Th. S.
Kinematics, M. E., 9....	(0)	(8)	0.4 and	5, 6, 7 1	T. Th. W. F.
Power Plants, M. E., 17.	(2)	(0)	2.0	3	T. Th.
Forging and Machine Shop, M. E., 3, 4.....	(6)	(6)	2.2	5, 6, 7	W. F.

See Note Above. These Junior and Senior courses are not offered here now.

Junior—			
Mechanics, C. E., 21....	(4)	(0)	4.0
Hydraulics, C. E., 16....	(0)	(2)	0.2
Direct Cur. Machines, E. E., 1...............	(4)	(0)	4.0

lectrical Laboratory, E. E., 3, 4	(6)	(6)	2.2
echanical Laboratory, M. E., 14, 15	(6)	(6)	2.2
achine Design, M. E., 10, 11	(6)	(6)	3.2
team Engineering, M. E., 18	(0)	(3)	0.3
tresses in Structures, C. E., 11	(0)	(3)	0.3
aterials of Engineering, M. E., 20	(0)	(1)	0.1
achine Construction, M. E., 5, 6	(6)	(6)	2.2

Senior—

hermodynamics, M. E., 21, 22	(4)	(2)	4.2
achine Design, M. E., 12, 13	(6)	(6)	2.2
as Engines, M. E., 19	(2)	(0)	2.0
echanical Laboratory, M. E., 16	(2)	(0)	2.0
hilosophy (Phil. 2, 3)	(0)	(4)	0.4
pecifications and Contracts, C. E., 18	(0)	(2)	0.2
ynamo Lab., E. E., 11	(2)	(0)	2.0
lective			4.4
hesis, M. E., 24	(1)	(9)	1.3

Description of Courses. Freshman and Sophomore

Carpentry and Wood-turning.—Care and the use of tools; exercises in laying out and in the construction of joints and other problems; wood turning; bench and lathe work.

Pattern Making and Foundry Practice.—The construction of patterns, core-boxes, flasks, etc., and their use in the foundry; moulding, core-making, mixing metals and casting in brass and iron. Prerequisite, course 1, M. E.

Forge Work.—Forging and welding in iron and steel; tool dressing, tempering.

Machine Work.—Chipping and filing, lathe, planer, drill press and milling work; laying out and finishing. Prerequisite, course 3, M. E.

Freehand, Sketching and Lettering.—Use of pencil and eye in drawing geometrical and curved forms; sketching from engineering objects; freehand lettering; care and use of drawing instruments and exercises in the elements of shop drawings.

Working Drawing.—Engineering details and assembly drawings, tracing and blue-printing. Prerequisite, course 7, M. E.

Kinematics of Mechanism.—The relative motions of machine parts, including linkwork, cams, screws, belting, chains, toothed gears, quick return and parallel motion. The construction of point paths, centroids, velocity idagrams, acceleration curves and the theoretical and approximate curves used in tooth outlines and cams. Recitation, lecture and drawing room practice. Text-book: Kinematics, Barr. Prerequisites, courses 5 and 6. Mathematics, and course 8, M. E.

7. **Engineering of Power Plants.**—The study of power plants and power plant machinery, the selection and installation of boilers, engines, pumps, piping, shafting and accessory apparatus. Inspection trips to power plants, with written reports on the same, is made a part of the work. Open to engineering Sophomores. Text-book: Elements of Steam Engineering, Spangler. See Apprentice courses below.

7a. **Power Plant Operation.**—A course open as an elective to students in the 2nd or 3rd year Academy. The work will consist of the actual care and operation of the University Power and Heating Plant, under direction, and is intended to give a practical training to those young men who may wish to take charge of power-plants. The election may be made in either or both of the semesters of the year. See Apprentice courses, below.

Course for the Degree of B.S. in Electrical Engineering

Freshman and Sophomores. The same as for Mechanical Engineering.

See Note Page 20.

These Junior and Senior courses are not offered here now.

Junior—

Mechanics, (C. E. 21)	(4)	(0)	4.0
Steam Engineering, (M. E. 18)	(0)	(3)	0.3
Hydraulics, (C. E., 16)	(0)	(2)	0.2
Direct Current Machinery, E. E., 1)	(4)	(0)	4.0
Alternating Current Machinery, (E. E., 2)	(0)	(4)	0.4
Machine Construction, (M. E. 5, 6)	(6)	(6)	2.2
Elect. Design, (E. E. 6)	(0)	(4)	0.2
Electrical Laboratory, (E. E. 3, 4)	(6)	(6)	2.2
Mechanical Laboratory, (M. E. 14, 15)	(6)	(6)	2.2
Machine Design, (M. E. 10)	(6)	(0)	3.0

Senior—

Thermodynamics, (M. E. 21, 22)	(4)	(2)	4.2
Gas Engines, (M. E. 19)	(2)	(0)	2.0
Electric Railways (E. E 17)	(4)	(0)	4.0
Power Distribution, (E. E. 8)	(0)	(4)	0.4
Design of A. C. Machinery and Distribution Systems, (E. E. 9, 10)	(4)	(4)	2.2
Dynamo Laboratory, (E. E. 11, 12)	(4)	(4)	2.2
Thesis, (E. E. 13, 14)	(6)	(6)	2.2
Philosophy, (Phil. 2, 3).			0.4

See Apprenticeship and Electrical Construction courses below.

Apprentice Courses

To meet the wants of young men who are unable to take a regular course in engineering, and who have a desire to enter one of the mechanical trades, the department in connection with the Academy work offers admission to courses in the following lines: (a) Carpentry and wood turning; (b) Pattern making and foundry work; (c) Machine shop practice and forge work; (d) Stationary engine and boiler practice; (e) Electrical construction.

All such students are also expected to take a course in mathematics, physics and mechanical drawing. The intention is to train to accurate, efficient work with their brains as well as their hands.

The University shops are fitted up with the latest machines and tools and the instruction is conducted along the lines pursued in the best modern shops.

These courses are only for such students as for good reasons do not wish to complete a full course in engineering. The fees will be $40 per semester, which includes laboratory fees. Students attaining sufficient skill may be able to earn part or all their tuition during the last semester at least. To those satisfactorily completing two years' work, 64 points, will be given a certificate showing proficiency in the line of work pursued.

Applicants must be at least eighteen years of age, though others may be admitted by special arrangements with the President. Students in these classes must conform to the regulations governing Academy students.

Electives in Electrical Construction Work

(For both College and Academic students.)

The courses mentioned below are intended primarily to give the student who does not wish to take an engineering course an opportunity to take some of the more interesting and non-technical portions of electrical work without any prerequisite other than his, or her, required work in the general sciences.

Familiarity with the apparatus and the phenomena, rather than with the theories underlying the same and the more technical interpretations of the phenomena, will be the object of the work.

These courses are also recommended to special students, to electrical engineers as preparatory to their regular work, and to students in other branches of engineering to give them a working knowledge of electrical machinery without burdening them with items of no particular interest to them.

E. E. 15 & 16: Wednesday and Friday afternoons.
- (a) Elementary Electrical Construction and Wirings.
- (b) Construction of Electrical Measuring Instruments. ments.
- (c) Construction of Electrical Machines.

E. E. 11a & 12a: Saturday mornings.
Dynamo and Motor Laboratory.
Similar to courses 11 & 12, but briefer and more commercial in nature.

E. E. 3a & 4a: Tuesday and Thursday afternoons.
Electrical Measurements.
Similar to courses 3 & 4, but briefer and more commercial in character.

E. E. 31: Tuesday and Thursday afternoons.
Battery Laboratory, both primary and secondary batteries.

E. E. 32: Wednesday and Friday afternoons.
Gas Engine and Dynamo Laboratory.

E. E. 1a & 2a: Elementary Electrical Machines.
Similar to courses 1 & 2, but involving Mathematics no higher than Algebra.

Civil Engineering

George F. Eckhard, B.S., C.E., Professor of Civil Engineering.

The general courses for civil engineers are similar to those preceding. The technical courses deal less with machinery and more with materials and surveying. The following are among the more important special subjects which are to be considered:

Surveying; strength of materials — wood, iron, and masonry; theories of construction—trusses, bridges, arches, and the like; designing; railway surveying and construction; roadmaking; sewerage, drainage, and paving; hydraulic engineering; designing and construction of canals, tunnels, etc.

The department is equipped with the necessary surveying and railway engineering instruments, including the compass, transit, level, chains, tapes, rods, flag poles, aneroid barometer, sextant, plane table, etc.

Samples of a large variety of the steel shapes from the rolling mills, including the various sizes of beams, channels, angles, tees, and Z bars, in addition to other material, have been placed in the department for the use of students in structural engineering.

The cement-testing laboratory is fitted out with all the appliances necessary for making the standard tests. These are the Fairbanks tensile machine, Vicat and Gilmore needles for rate of setting, LeChatelier's specific gravity apparatus, sieves for fineness, boiling apparatus for accelerated tests, storage tanks, glass molding table, briquette molds, and a full set of other needed small instruments.

Summary Civil Engineering

Freshman—					
Mathematics, (5, 6).....	(5)	(5)	5.5	**4**	T. W. Th. F. S.
Chemistry, (Chem. 3, 4).	(6)	(6)	4.4	**1** **2**	W. S. T. W. F. S.
English, (Eng. 1c, 2c)..	(3)	(3)	3.3	**3**	T. Th. F.
Drawing, Mechanical, (M. E. 7)................	(9)	(0)	3.0	**5, 6, 7**	M. W. F.
Descriptive Geometry, (C. E. 2)................	(0)	(7)	0.3	**5, 6, 7** **5**	W. F. S.
Carpentry, (M. E. 1)...	(6)	(0)	2.0	**5, 6, 7**	T. Th.
Forging, (M. E. 3).....	(0)	(6)	0.2	**5, 6, 7**	M. W.
Sophomore—					
Calculus, (Math. 7, 8)...	(5)	(4)	5.4	**2**	T. W. Th. F. S.
Physics, (Phys. 1-2)....	(1)	(7)	5.5	**4** and **3**	T. W. Th. F. S. W. F.
Modern Languages, German or French or Spanish	(4)	(4)	4.4		
Surveying, (C. E. 3-4)...	(7)	(6)	3.2	**5, 6, 7** **5, 6, 7**	T. Th. F. T. Th.
Analytic Mechanics, (C. E. 20)			0.2	3	T. Th.
Railroad Curves (C. E. 5)	(0)	(3)	0.1	**5, 6, 7**	W.

See Note Page 20. These Junior and Senior courses are not offered here now.

Junior—			
Mechanics of Materials, (C. E. 21)...........			4.0
Hydraulics, (C. E. 16)...			0.2
Railroad Engineering, (C. E. 7-8)	(7)	(5)	3.3
Graphic Statics, (C. E. 23)	(6)	(0)	2.0
Accounting and Auditing, (C. & F. 3)..........			3.0
Geology, (Geol. 1)......			0.4
Materials of Engineering, (M. E., 20)..........			0.1

Engineering Laboratory, (M. E., 15)	(0)	(3)	0.2
Stresses in Structure, (C. E. 11)			0.3
Bridge Design, (C.E. 12)	(0)	(6)	0.2
Direct Current Machinery, (E. E. 1)			4.0
Senior—			
Elementary Law, (C. F. 9)			4.0
Philosophy, (Phil. 2, 3)			0.4
Water Supply Engineering, (C. E. 24)	(6)	(0)	3.0
Sewerage, (C. E. 25)	(0)	(5)	0.3
Bridges and Structures, (C. E. 13)			2.0
Bridge & Structural Design, (C. E. 26)	(9)	(0)	3.0
Masonry & Concrete, (C. E. 27)			4.0
Masonry & Concrete Design, (C. E. 28)	(0)	(6)	0.2
Masonry & Concrete Tests, (C. E. 29)	(0)	(3)	0.1
Roads and Pavements, (C. E. 30)			0.1
Contracts & Specifications, (C. E. 18)			0.2
Tunneling, (C. E. 31)			0.1
Thesis, (C. E. 32)			2.3

Description of Courses, Freshman and Sophomore.

2. **Descriptive Geometry.**—Prerequisite, Solid Geometry and Mechanical Drawing (M. E. 7). Required of all engineering students. Text-book: Faunce, Descriptive Geometry. (7). 3.

3. **Plane Surveying.**—Prerequisite, Plane Trigonometry. Required of all civil engineering students. The work consists of one hour per week recitation work in the theory of surveying, with 6 hours per week field work. Practice is had in the use of the chain, compass, level and transit and later an extended survey is made of some tract of land which is platted in the latter part of the semester. Text-book: Raymond's Plane Surveying and Pence and Ketcham's Surveying Manual. (7). 3.

4. **Topographic Surveying.**—Prerequisite, Surveying 3. This is a continuation of course 3. It includes the use of the transit, stadia and plane table as applied to the methods of conducting an extended topographic survey. (6). 2.

5. **Railroad Curves.**—Prerequisite, Surveying 3. A study of the mathematics of simple, compound, reversed, parabolic and spiral easement curves; as well as the methods of staking out and computing earthwork. Text-book: Allen's Railroad Curves and Earthwork. (2). 1.

20. **Analytic Mechanics.**—Prerequisite, Calculus, 7. This course consists of the study of those problems of mechanics which are the basis of all work in engineering design. Text-book: Hancock's Applied Mechanics for Engineers. (2). 2.

THE SCHOOL OF DOMESTIC ECONOMY

THE FACULTY

Albert R. Taylor, Ph.D., LL.D., President.

James D. Rogers, Ph.D., Dean of the College.

Bertha M. Miller, Ph.B., Professor of Domestic Science.

Mabel Dunlap, B. S., Professor of Domestic Art.

Thomas W. Galloway, Ph.D., Professor of Biology.

John C. Hessler, Ph.D., Professor of Chemistry.

Robert J. Kellogg, Ph.D., Professor of Modern Languages.

Albert T. Mills, A.M., Professor of History and Political Science.

Grace Patten Conant, A.M., Professor of English Language and Literature.

William H. Varnum, Professor of Fine and Applied Arts.

Benjamin B. James, A.M., Professor of Physics.

Walter J. Risley, A.M., Professor of Mathematics.

William Wilberforce Smith, A.M., LL.D., Professor of Economics.

Faith Hunter Dodge, Ph.B., Associate Professor of Modern Languages.

Viola M. Bell, B.S., Instructor in Domestic Science.

Catherine T. Wright Student Assistant in Domestic Art.

The courses offered by the School of Domestic Economy are designed to serve two purposes. The first is to offer elective courses which are advised and available as part of the general education of all the young women of the College. For this purpose a certain number of courses are offered having no prerequisites in science. The second is to offer a four-year course to those who wish to specialize in domestic economy. This course leads to the degree of Bachelor of Science in Domestic Economy.

Domestic Economy includes two somewhat specific lines of investigation and practice in the household arts:

1. Domestic Science, which embraces a variety of problems involved in the construction and equipment of the house, in the selection, preparation, preservation and economic uses of foods; in dietetics; in personal and public hygiene; in home nursing and in household administration; complementary courses in chemistry and physiology.
2. Domestic Art, which includes the various problems involved in the selection of materials for garments of all kinds and for the proper artistic furnishing of the home; the processes by which they are produced and prepared; economy in purchasing and using the same; the attainment of skill in sewing, cutting, fitting, and designing garments; the application of artistic principles in millinery; (see p. 26) a historical and practical study of textiles and of spinning and weaving and household decoration; complementary courses in fine and applied arts.

The courses offered also include logically outlined instruction in methods of teaching domestic science and domestic art.

Course Required for the Degree of B.S. in Domestic Economy

Candidates for the degree in this course must give evidence of having satisfactorily completed a four-year course in an accredited high school. Students desiring to major in domestic science or domestic art will substitute equivalent in French or German not in excess of twelve points in the other.*

Students in this course may major either in Domestic Science or Domestic Art. Certain subjects are required in both as follows:

Modern Languages............	16 points	
English Literature and Composition	16 points	
Philosophy	8 points	
Pedagogy	2 points	42 points

In addition, those majoring in Domestic Science are required to take—

Laboratory Science............	24 points	
Domestic Economy Subjects....	46 points	
Economics	4 points	
Mathematics	8 points	
Elective	4 points	
Collaterals	4 points	90 points
		132 points

In addition, those majoring in Domestic Art are required to take—

Fine and Applied Arts.........	24 points	
Domestic Economy Subjects....	38 points	
Laboratory Science.............	16 points	
History	8 points	
Collaterals	4 points	90 points
		132 points

Summary, Four-Year Course, Domestic Science

Freshman—

Domestic Economy, 1, 2.			2.2	1 T. F.
Domestic Science, 3, 4...	(5)	(5)	3.3	3, 4 T. Th. 1 W. 6, 7 T. Th. 1 W.
Domestic Art, 1, 2......	(4)	(4)	2.2	5, 6 W. F.
English, 1, 2..........			4.4	2 T. W. F. S.
Chemistry, 1, 2..........	(6)	(6)	4.4	1, 2 Th. 3, 4 S. and 3 W. F.
Crafts Design, 9, 10.....			2.2	7 W. F.

Sophomore—

Domestic Science, 5, 6..	(4)	(4)	2.2	3, 4 W. F.
Domestic Science, 8.....	(0)	(6)	0.4	6, 7 T. Th. and 6 W. F.
Chemistry, 5............	(8)	(0)	4.0	6, 7 T. W. Th. F.
English, 3, 4...........			4.4	1 T. W. Th. F.
Biology,** A. B.........	(6)	(6)	4.4	2 T. W. Th. F. and 1 W. F.
Mathematics, 1, 2, or....			4.4	5 T. W. Th. F.
Applied Art			4.4	

**If the student has completed Biology in the Academy, she will be permitted to elect eight points instead from subjects not already in this summary.

Junior—

Domestic Science, 9, 10..			2.2	1 T. Th.
Domestic Science, 11, 12.	(6)	(6)	4.4	1 W. S. and 3, 4 W. F.
Domestic Art, 3, 4......	(5)	(5)	3.3	3, 4 T. Th. and 1 Th.
Economics or...........			4.0	5 T. W. Th. F.
Sociology			2.2	6 T. W.
*German, 1, 2, or.......			5.5	5 T. W. Th. F. S.
*French, 1, 2...........			5.5	2 T. W. Th. F. S.

Senior—

Domestic Science, 13....			2.0	7 T. Th.
Domestic Economy, 15, 16			2.2	6 T. Th.
Domestic Science, 18....			0.2	7 T. Th.
Domestic Economy, 17..			2.0	1 Th. 7 F.
Domestic Economy, 19..	(2)	(2)	1.1	Hours to be arranged.
General Physiology, 6...			0.4	5 T. W. Th. F.
German, 7, 8, or........			3.3	3 T. Th. F.
French, 3, 4............			4.4	3 T. W. Th. F.
Pedagogy, 1.............			2.0	2 T. W. Th. F.
Philosophy			4.4	4 T. W. Th. F.

Students are advised to take the second semester of Pedagogy also, making four points instead of two.

Summary, Four-Year Course, Domestic Art

Freshman—

Domestic Economy, 1, 2.	(4)	(4)	2.2	1 T. F.
Domestic Science, 3, 4..	(4)	(4)	2.2	6, 7 T. Th. 1 W.
Domestic Art, 1, 2......	(4)	(4)	2.2	5, 6 W. F.
Fine Art, A. B.........	(4)	(4)	2.2	3, 4 T. Th.
English, 1, 2...........			4.4	2 T. W. F. S.
*Chemistry, 1, 2........	(6)	(6)	4.4	1, 2 Th. 3, 4 S. 3 W. F.
Craft's Design, 9, 10...			2.2	7 W. F.

*Elective on approval.

Sophomore—

Domestic Art, 3, 4.....	(7)	(7)	3.3	1 Th. 3, 4 T. Th.
Applied Art, A. B......	(4)	(4)	2.2	7, 8 W. F.
Biology,** A. B........	(6)	(6)	4.4	2 T. W. Th. F. 1 W. F.
History, 1, 2...........			4.4	4 T. W. Th. F.
Applied Art, 14........			0.1	5, 6 S.
Fine Art, 18............			0.1	4 S.

**If the student has completed Biology in the Academy, it will be an equivalent for the work in the Sophomore year, in which case the student will elect eight points from subjects not already in this course.

Junior—

Domestic Art, 5, 6......	(3)	(3)	2.2	3, 4 W. F. 5 F.
Domestic Art, 11, 12....			1.1	3, 4 T.
Domestic Art, 17, 18....			1.1	1, 2 S.
Domestic Science, 13, 18.			2.2	7 T. Th.
Applied Art, 1, 2........			2.2	5, 6 T. Th.
English, 3, 4...........			4.4	1 T. W. Th. F.
German, 1, 2, or.......			5.5	5 T. W. Th. F. S.
French, 1, 2............			5.5	2 T. W. Th. F. S.

Senior—

Domestic Art, 7, 8......			2.2	6 T. Th.
Applied Arts, 3, 4......	(4)	(4)	2.2	5, 6 W. F.
Applied Arts, 9, 10.....			1.1	7 W.
Domestic Economy, 17..			0.2	1 Th. 7 F.
Fine Arts, 19, 20.......	(1)	(1)	1.1	3 S.
Fine Arts, 21, 22.......	(1)	(1)	1.1	2 S.
Pedagogy, 1............	(2)	(0)	2.0	2 T. W. Th. F.
Philosophy, 1, 2, 3......	(4)	(4)	4.4	4 T. W. Th. F.
German, 7, 8, or.......	(3)	(3)	3.3	3 T. Th. F.
French, 3...............	(4)	(0)	4.0	3 T. W. Th. F.

DESCRIPTION OF COURSES

Domestic Economy Subjects

1. Domestic Economy.—House structure, sanitation, and cost. This course includes the followings topics: Evolution of homes, situation, plan, construction, drainage, water supply, heating, lighting, ventilation. Open to all college students. Lectures, class and reference work. First semester. 2. 1 T. F. Freshmen.

2. Domestic Economy.—This course includes the study of artistic house furnishing as applied to floors, woodwork, ceilings, and walls; study of carpets, draperies, furniture and other household furnishings from their artistic and economic values. Continuation of Domestic Economy 1. 1 T. F. 2 points per semester.

15, 16. Domestic Economy.—Theory and practice of teaching domestic science and art. This course is designed to present methods of teaching domestic economy in schools of all grades. It includes a consideration of courses of study; school curriculum, equipment and cost of maintenance; planning and presentation of lessons to classes. (Hours for extra work arranged.) Open to seniors in domestic economy. Lectures, class work and actual teaching. First and second semesters. 2. 6 T. Th.

17. Domestic Economy.—Household administration; Evolution of family and home; present social value of home; organization of household; expenditure of income; care of house and family; systematic methods of housekeeping. Recommended to Juniors and Seniors. Parallel courses, Economics and Sociology; lectures, collateral reading. First semester. 2. 1 T. 7 F.

19. Domestic Economy.—Graduation Thesis. Hours to be arranged. (2).

Domestic Science Subjects

3, 4. Domestic Science.—Cooking of Foods, principles of the selection and preparation of food; the changes affected by heat and cold upon different foods according to their composition. Open to all college students. Lectures and laboratory work. 5, each semester. 1 W. First section, 3, 4 T. Th. Second section, 6, 7 T. Th. Freshmen.

5, 6. Domestic Science.—Advanced cooking. Preservation and economic uses of food. Processes of preservation, including adulterants and substitutes. Preparation of meals adapted to various conditions. Practical demonstration work. Prerequisites, Chemistry 1, 2 and Domestic Science 3, 4. Parallel courses, Chemistry 5, Biology A.B. 8, Domestic Science 8.

8. Domestic Science.—Bacteriology of Foods. Relation of bacteria, yeasts and molds to foods in food preservation; making of bread, butter and cheese, and application to problems of hygiene and sanitation. Prerequisite, Chemistry 1, 2, 5. Parallel courses, Biology A, B and Domestic Science 5, 6. Lectures and laboratory work. 6, 7 T. Th. 6 W. F.

9, 10. Domestic Science.—Dietetics. Principles; relation of food to health, occupation, sex, age, and environment; nutritive value and costs; dietetic treatment of certain diseases. Domestic Economy, juniors. Prerequisites, Chemistry 1, 2, 5, Domestic Science 3, 4, 5, 6. Parallel course, Domestic Science 11, 12. First and second semesters, 2. 1 T. Th.

11, 12. Domestic Science.—Household Chemistry. A study of the following topics: as to classification, properties, uses, production, composition, adulteration, cost of the fat, mineral carbohydrate and proteid foods. Prerequisite, Chemistry 1, 2, 5. 4. 1 W. S. and 3, 4 W. F.

13. Domestic Science.—Personal and public hygiene. Ideals of health and efficiency for individuals and municipalities. Open to juniors, seniors and special students. Lectures and class work. First semester, 2. Juniors. 7 T. Th.

18. Domestic Science.—Home nursing and care of children. A study of some simple diseases and their prevention; the care of young children and invalids; invalid dietaries; first aid to the injured. Prerequisite, Domestic Science 13. Open to Juniors, Seniors and special students. Second semester 2. 7 T. Th.

General Course.—Principles of composition of foods—chages affected by heat, cold, acid and alkalies. Nutritive value and digestibility of foods and proper combinations. Open to students, especially teachers who can attend only on Saturday. Lectures and laboratory work. 1 each semester. 3, 4 S.

Domestic Art Subjects

1, 2. Domestic Art.—Sewing, selection and buying of suitable materials; trimming in its relation to use. Drafting of patterns, and use of commercial patterns. Discussion of materials as regards costs, use and comparative values. Making of underwear, dresses, knitting, crocheting and simple embroidery. Open to all regular college students. 2 points per semester. 5, 6 W. F. Concurrent Courses: Fine Arts A and B, free-hand drawing, light and shade, outline.

3, 4. Domestic Art.—Sewing. Machine work, consideration of materials from the consumer's viewpoint, discussing of the leading textiles, cotton, silk, wool and linen, relative values, costs and wearing qualities. Pattern drafting and machine work, making of shirt waists, dresses and underwear. Prerequisite, Domestic Art 1, 2. Concurrent courses, Applied Art 9, 10, and History 1, 2. 4 hours laboratory and 1 hour lecture. 3, 4 T, 1, 3, 4 Th. 3 points per semester.

5, 6. Domestic Art.—Advanced sewing and tailoring, making of lined gowns, tailored waists and skirts. Study of laces, rugs and tapestries as to their artistic value. Prerequisites, Domestic Art, 1, 2, 3, 4, Applied Arts 9, 10. Concurrent courses, Applied Arts 1, 2, 14, Domestic Art 17, 18. 4 hours laboratory, 1 hour lecture. 3, 4 W, 3, 4, 5 F. 3 points per semester.

7, 8. Domestic Art.—Theory and practice of teaching Domestic Art. See Domestic Economy 15, 16.

9, 10. Domestic Art.—A class will meet on Saturday mornings for three hours for those desiring to come but once a week. This course is planned to meet the needs of instructors and women who wish simply to beautify their homes. 3 points per semester. 2, 3, 4 S.

11, 12. Domestic Art.—Millinery. This course aims to fit students for teaching millinery in elementary schools, or for making their own hats. It includes practice in making frames from buckram, willow and wire; covering and finishing with velvet, net, straw, etc.; designing and trimming; pressing and renovating velvet and ribbons. Students furnish their own materials. 3, 4 T. 1 point per semester.

13, 14. Domestic Art.—Fine needle work. Practice, including French embroidery for underwear, lingerie waists, dresses and household linen, shadow embroidery, Irish crochet, tatting, knitting, cross-stitch and Swedish weaving, French knots, rick-rack, Munich embroidery, cut-work. Elective to students having a knowledge of plain sewing with some skill in needlework. Students furnish their own material. 1 point per semester.

17, 18. Domestic Art.—Textiles; dyeing and weaving, study of dyes and neordants, testing for fast and fugitive colors, adulterations for different materials, integrity of materials, history and development of the primitive textile industries, warping of looms, weaving of table runners, towels and rugs. 2 S. 1 point per semester.

Students majoring in Domestic Arts are advised to elect from the following:

Manual Training, 9, 10.
Fine Arts, 11, 12.
Applied Arts, 11, 12.
Domestic Science, 7, 8.
Domestic Science, 5, 6.
Economics, 5a, b.
Bible Study.

Special Teachers' Certificate Courses

A two-year teacher's certificate course in Domestic Art or Domestic Science is offered under the following conditions:

1. The candidate must present the regular college entrance requirements, and,

2. One or more years of experience in teaching or administrative work of such character as may be approved by the College.

A three-year teachers' certificate course including the first two years' regular work and thirty-two hours additional designated work from the Junior and Senior college courses.

Special Certificates

Certifying the completion of two years' work in either department will be issued to students entitled to the same.

The requirements for the two-year course for the certificate in Domestic Science are:

Domestic Science subjects	28 points
Domestic Art subjects	10 points
Chemistry	8 points
English	8 points
Pedagogy	8 points
General Design	4 points
Total	66 points

First Year—

Domestic Economy, 1, 2.	(2)	(2)	2.2	1 T. F.
Domestic Science, 3, 4.	(5)	(5)	3.3	6, 7 T. Th. 1 W.
Domestic Art, 1, 2.	(4)	(4)	2.2	5, 6 W. F.
English, 1, 2.	(4)	(4)	4.4	2 T. W. F. S.
Chemistry, 1, 2.	(6)	(6)	4.4	1, 2 Th. 3, 4 S. 3 W. F.
General Design	(4)	(4)	2.2	

Second Year—

Domestic Science, 5, 6.	(4)	(4)	2.2	
Pedagogy, 1, 2.			4.4	2 T. W. Th. F.
Domestic Science, 9, 10.			2.2	1 T. Th.
Domestic Science, 13, 18.			2.2	7 T. Th.
Domestic Economy, 15, 16			2.2	6 T. Th.
Domestic Economy, 17.	(2)	(0)	2.0	7 W. F.
Domestic Art, 3, 4.	(5)	(5)	3.3	3, 4 T. Th. 7 W.

The requirements for the two-year course for the certificate in Domestic Art are:

Domestic Art Subjects	26 points
Domestic Science Subjects	12 points
Fine and Applied Arts Subjects	12 points
History and English Subjects	16 points
Total	66 points

First Year—

Domestic Economy, 1, 2.			2.2	1 T. F.
Domestic Art, 1, 2.			2.2	5, 6 W. F.
Domestic Art, 3, 4.	(5)	(5)	3.3	3, 4 T. Th. 1 Th.
Domestic Science, 3, 4.	(5)	(5)	3.3	6, 7 T. Th. 4 W.
English, 1, 2.			4.4	2 T. W. F. S.
Crafts Design, 9, 10.			2.2	7 W. F.
Fine Arts, 18.			1.1	4 S.

Second Year—

Domestic Art, 5, 6.	(5)	(5)	3.3	3, 4 W. F. 5 F.
Domestic Art, 7, 8.			2.2	6 T. Th.
Pedagogy			2.2	2 T. W. Th. F.
Domestic Science, 13.			2.0	7 T. Th.
Domestic Economy, 17.			2.0	1 Th. 7 F.
Applied Arts, 1, 2.			2.2	5, 6 T. Th.
Applied Arts, 14.			1.1	5, 6 S.
English, 3, 4, or			4.4	1 T. W. Th. F.
History, 1, 2.			4.4	5 T. W. Th. F.

HE SCHOOL OF FINE AND APPLIED ARTS

THE FACULTY

lbert R. Taylor, Ph.D., LL.D., President.

ames D. Rogers, Ph.D., Dean of the College, Lecturer on History of Sculpture.

Villiam H. Varnum, Professor of Fine and Applied Arts.

homas W. Galloway, Ph.D., Professor of Biology.

ohn C. Hessler, Ph.D., Professor of Chemistry.

race Patten Conant, A.M., Professor of English Language and Literature.

obert J. Kellogg, Ph.D., Professor of Modern Languages.

orell M. Cole, Professor of Manual Training.

Valter J. Risley, A.M., Professor of Mathematics.

rene Handlin, B.S. in F. and A.A., Instructor in Fine and Applied Arts.

lara C. Greenwood, Instructor in Fine Arts, Lecturer on Artistic Anatomy.

mma L. Baker, B.S., Instructor in Keramics (leave of absence one year).

aith H. Dodge, Ph.B., Associate Professor in Romance and Languages.

ngle Gamman, Instructor in Keramics.

It is recognized that the serious study of rt, or at least an understanding of its prin-iples, is essential to the education of every tudent, not only for its cultural value, but as n invaluable aid in correct observation and ccurate expression.

The art student not only has the satisfaction f creating original and artistic productions in aint or metal of financial worth, but he is ble to impart this knowledge successfully to thers. The degree graduates of this School re now occupying excellent positions as super-isors of drawing or illustrators in five states.

The school offers two lines of work, the fine rts and the applied arts, open to College stu-ents as electives. The Academy courses re-erred to will be found under similar heading in he academic department.

The courses are so arranged that students desiring to specialize in art may give all of their time to work in one of the seven large and thoroughly equipped studios, which are open throughout the day.

The fine arts courses provide a thorough theoretical and practical training in drawing, painting in water colors, oil colors, or pastels, and modeling; also painting, illustrating and modeling from the living figure. The illustration classes are thoroughly practical and include the processes of etching, elementary printing and type-setting.

In the normal classes, the students are assigned to the city public schools for practice teaching.

The applied arts courses embrace the designing and making of rings, bracelets, pendants and other articles in silver, copper, and gold, with the setting of precious stones; leather embossing, pottery, weaving. They create an appreciation of the beautiful in this form of art expression. Special courses treating of color harmony and designing are given for domestic art pupils and machine drawing with the necessary freehand work for preparatory engineering students. A number of lecture courses are open as electives to students with no previous art training.

The equipment of the various craft studios includes electric polishing lathes, planishing and raising hammers, stakes, individual vises, blast lamps and three powerful high fire pottery and china kilns with a united capacity of nearly two barrels of pottery and china. This affords the student an opportunity to work in some of the best equipped studios in the Middle West. The School is also fortunate in the possession of nearly two hundred pieces of still life in copper, brass, pottery and pewter, with a large collection of draperies and costumes.

Art training, with the general education as outlined in the degree course of B. S. in Fine and Applied Arts, affords an unique combination found in but few art schools or colleges, and qualifies the student for the teaching of art or for professional work. The School of Fine and Applied Arts was one of a limited number of institutions of the country requested to exhibit at the International Art Congress in London.

In recognition of their educational value, Fine Arts courses 3, 4, or 5, 6, or Applied Arts courses 3, 4, and 5, 6, including parallel and prerequisite courses, may be offered for eight points of college mathematics, on approval.

The program and outline of courses are given below. For detailed description, see special heading at end of outline. Two hours' work is classed as studio work and counts as one point, except in Fine Arts 15 to 28, inclusive.

Summary, Professional Course B.S. in Fine and Applied Arts

The following subjects are required of all candidates for the Bachelor's diploma for teaching fine and applied arts in the elementary and secondary schools. Work in manual training or domestic art is recommended for electives.

Freshman—

General Design, A. A. 9, 10			2.2	7 W. F.
Antiquc Cast and Water Color Rendering, F. A. 1, 2	(4)	(4)	2.2	5 6 T. Th.
History of Sculpture, F. A., 23, 24			1.1	2 S.
English, 1, 2			4.4	2 T. W. F. S.
Chemistry, 1, 2	(6)	(6)	4.4	1, 2 Th. and 3 W. F. S. 4 S.
Mathematics, 1, 2 or History, 11, 12			4.4	4 T. Th. F. S.

Sophomore—

Painting in Oil Color, F. A., 3, 4	(8)	(8)	4.4	3, 4 T. W. Th. F.
Perspectography, F. A., 17			1.0	2 T.
History of Painting, F. A., 21, 22			1.1	3 S.
Biology, 1, 2	(6)	(6)	4.4	6 T. W. Th. F. S. 5 S.
English, 3, 4			4.4	1 T. W. Th. F.
German, French, Latin, Greek			3.3	

Junior—

History and Craft of Pottery, A. A., 1, 2	(4)	(4)	2.2	5, 6 T. Th. or 7, 8 T. Th.
Craft of the Coppersmith, A. A., 3, 4	(4)	(4)	2.2	5, 6 W. F.
Applied Design, A. A., 9, 10			1.1	7 T.
Craft of the Silversmith, A. A. 5	(4)		2.0	7, 8 T. Th.
History of Architecture, F. A., 25, 26			1.1	1 S.
Art Appreciation, F. A., 19			1.0	4 S.
Comparative Aesthetics, F. A., 20			0.1	4 S.
Pedagogy, 1, 1a			4.0	2 T. W. Th. F.
German, French, Latin, Greek			3.3	
Manual Training, 15	(4)		2.0	5, 6, 7, 8 M.
Cast Modeling, F. A., 11, 12		(4)	0.2	1, 2, 3, 4 M.

Senior—

Drawing from Life, F. A., 7, 8	(8)	(8)	4.4	5, 6 T. W. Th. F.
Modeling from Life, F. A., 13, 14	(4)	(4)	2.2	1, 2, 3, 4 M.
Normal Art, F. A, 27, 28.			3.3	7 T. W. F.
Thesis, F. A., 29, 30	(4)	(4)	2.2	2 T. W. Th. F.
Artistic Anatomy, F. A., 15, 16			1.1	7 Th.
Philosophy, 1, 2, 3, 4			4.4	4 T. W. Th. F.

Certificate Course in Fine Arts

The requirements for a two-year course for the certificate in Fine Arts are given below, with a total of 65 points.

First Year—

Cast Drawing and Water Color Rendering, F. A., 1, 2	(4)	(4)	2.2	5, 6 T. Th.
Painting in Oil Color, F. A., 3, 4	(8)	(8)	4.4	3, 4 T. W. Th. F.
Drawing from Life, F. A., 7, 8	(4)	(4)	2.2	5, 6 W. F.
Modeling from Cast, F. A., 11, 12	(4)	(0)	2.0	1. 2, 3, 4 M.
History of Sculpture, F. A., 23, 24			1.1	2 S.
History of Architecture, F. A., 25, 26			1.1	1 S.
Perspectography, F. A., 17			1.0	2 T.
English, 1, 2			4.4	1 T. W. Th. F.

Second Year—

Mural Decoration, F. A., 5, 6	(8)	(8)	4.4	3, 4 T. W. Th. F.
Painting from Life, F. A., 9, 10	(8)	(8)	4.4	5, 6 T. W. Th. F.
Modeling from Life, F. A., 13, 14	(4)	(4)	2.2	1, 2, 3, 4 M.
Artistic Anatomy, F. A., 15, 16			1.1	7 Th.
History of Painting, F. A., 21, 22			1.1	3 S.
Art Appreciation, F. A., 19			1.0	4 S.
General Design, A. A., 9, 10			2.2	7 W. F.
Pedagogy, 1, 1a			4.0	2 T. W. Th. F.

Certificate Course in Applied Arts

The requirements for a two-year course for the certificate in Applied Arts are given below, with a total of 64 points.

First Year—

History and Craft of Pottery, A. A., 1, 2	(4)	(4)	2.2	5, 6 T. Th.
Craft of the Coppersmith, A. A., 3, 4	(4)	(4)	2.2	5 6 W. F.
General Design, A. A., 9, 10			2.2	7 W. F.
Applied Design, A. A., 11, 12			1.1	7 T.
Modeling from Casts, F. A., 11, 12	(4)	(4)	2.2	1, 2, 3, 4 M.
Manual Training, 15, 16.	(4)	(4)	2.2	5, 6, 7, 8 M.
History of Architecture, F. A., 25, 26			1.1	1 S.
English, 1, 2			4.4	2 T. W. Th. F.

Second Year—

Craft of the Silversmith, A. A., 5, 6	(4)	(4)	2.2	5, 6, 7, 8 T.
Craft of the Goldsmith, A. A., 7, 8	(4)	(4)	2.2	5, 6, 7, 8 Th.
Cast Drawing and Water Color Rendering, F. A., 1, 2	(4)	(4)	2.2	5, 6 T. Th.
Handwork for Elementary Grades, M. T., 7, 8	(4)	(4)	2.2	3, 4 W. F.

Advanced Textiles, D. A., 16, 17	(2)	(2)	1.1	1, 2 S.
Elementary Woodwork, M.T., 9, 10............	(4)	(4)	2.2	3 4 S. 1, 2 T.
Pedagogy, 1, 2..........			4.4	2 T. W. Th. F.
Elective			1.1	

Fine Arts

Studio Practice

1, 2. Cast Drawing, Water Color Rendering.—This course is intended to increase the color perception of the pupil and to immediately precede oil painting. The laws of composition are applied to groups of still life and flowers. Cast drawing from the antique figure is given to develop skill in drawing, in light and shade, and in beauty; and to stimulate the power of observation. This is especially necessary for the preparation of the succeeding classes. Prerequisite, F. A. B. or its equivalent. (4). 4. Freshmen, 5, 6 T. Th.

***3, 4. Painting.**—The aim of this course is to give increased power of drawing, a development of a refined color instinct by means of representation in oil colors of still life groups and landscapes. Required parallel courses, F. A. 17. Prerequisite, F. A. 2 or its equivalent. (8). 8. Sophomores. 3, 4 T. W. Th. F.

***5, 6. Mural Decoration.**—A continuation of F. A. 3, 4. The composing and painting of large studies in oil colors, of still life, flowers, game, or landscape, requiring a knowledge of color harmony and composition. Upon completing the work of this class the student is expected to be able to paint a mural decoration 10 by 3 feet, correct in drawing, chiaroscuro and color. Prerequisite, F. A. 3, 4, 17. (8). 8. Juniors. 3, 4 T. W. Th. F.

***7, 8. Drawing from Life.**—This course consists of drawing from the living model in charcoal, pen and ink, or in colored crayon, as a preparation for portrait painting, illustration, or modeling from life. Artistic Anatomy, F. A. 15, 16, is a required parallel course. Prerequisite, F. A. 3, 4. (8). 8. Juniors or Seniors. 5, 6 T. W. Th. F.

***9, 10. Portrait Painting or Illustrating.**—Portrait painting or illustrating in oils, water color, pastels, or pen and ink from the costumed model. Etching, printing and simple type-setting. Prerequisite, F. A. 7, 8. (8). Juniors or Seniors. 5, 6 T. W. Th. F.

11, 12. Modeling.—A course designed to study the structural planes of the human figure as seen in the antique casts of masks and full figure. The principles governing high and low relief and their treatment are studied and applied. Introduction of casting, both from the chip and piece mould. Prerequisite, F. A. 1, 2. (4). 4. Sophomore. 1, 2, 3, 4 M.

13, 14. Modeling from Life.—Advanced modeling from the human figure for bust and full figure. Casting. Prerequisites, F. A. 1, 2, 7, 8, 11, 12. (4). 4. Juniors and Seniors. 1, 2, 3, 4 M.

Note.—A small fee to cover the cost of the model is required in Fine Arts 7, 8, 9, 10, 13, 14.

History and Theory

15, 16. Artistic Anatomy.—Dealing with the bones and muscles of the body, illustrated with analytical sketches and lectures. A parallel required course to F. A. 7, 8, 13, 14, and of the utmost value to the life class student and in illustration work. Upon completing this course the student will be expected to be able to draw the human figure from memory, illustrate and explain the salient points. (1). 2. Juniors or Seniors. 7 F.

17. Perspectography.—Principles of aerial and linear perspective, delineation of complex groupings of solids from memory. Theory of scientific cast shadows and reflections, enabling the student to illustrate different effects of light from description. Required of all students taking 1, 2, 3, 4, 7, 8. (1). Freshmen or Sophomores. 2 T. 1st semester.

19. Art Appreciation.—A course leading to the understanding and appreciation of the artist's motives and methods, and to an intelligent analysis of the world's greatest masterpieces in art. Intended as an introduction to the study of aesthetics. (1). 4 S. 1st semester.

20. Essentials of Aesthetics.—The science of the beautiful as exemplified in nature and the fine arts, with especial emphasis on the arts of representation. Prerequisites, F. A. 19. Juniors and Seniors. 1. Second semester. 4 S.

21, 22. History of Painting.—This course will be given by means of lectures, recitations and collateral reading and is intended to lead to an intimate knowledge of the best examples of painting. Text-book: Hoyt's World Painters. 2. Sophomores, Juniors, or Seniors. 3 S.

23, 24. History of Sculpture.—A comparative study of the best examples of Greek and Roman sculpture. 2. 2 S.

25, 26. History of Architecture.—A study of the different schools of Architecture, with a careful analysis of the different styles of ornamentation. 2. Seniors. 1 S.

27, 28. Theory and Practice of Teaching Art.—Treating of art as a factor in the public school education, planning a course of study for the elementary and secondary schools, presentation in the class room, practice in teaching under observation. Open to Art Seniors. 6. 7 T. W. Th.

29, 30. Thesis.—Graduation thesis to be along the line of original research on some topic in art or design.

*Half time may be taken in courses indicated with an allowance of 4 credits per year.

Applied Arts

Studio Practice and Theory.

1, 2. History and Craft of Pottery and Leather.—This course is intended as an introduction to the crafts. The different materials of the handicrafts are considered from the standpoint of utility and beauty. The accent is placed upon clay and its decoration and glazing. The problems include the hand-building and throwing of vase forms and tiles, formation of intricate plaster moulds for poured pottery chocolate sets, etc., involving the duplication of a certain form. Six weeks devoted to the working of leather completes this course. Students are required to evolve drawings from lectures in design in addition to their studio work. Prerequisite, F. A. A, B, or its equivalent, and parallel course, A. A. 9, 10. 4. Freshmen. 5, 6 T. Th., or 7, 8 T. Th.

3, 4. Craft of the Coppersmith.—This course considers advanced problems in clay construction, combined with copper to form articles of practical use for the table or desk. Designs completed in Applied Arts 9, 10 are developed, introducing filing, sawing, piercing and beating copper and its subsequent decoration with repousse, champleve enamel, and other forms of enrichment. The concluding problem is a desk set including a small lamp, the entire problem to be the embodiment of some one structural unit design. Prerequisite, A. A. 1, 2. Parallel required course, A. A. 9, 10. Open to properly qualified Sophomores, Juniors and Seniors. 4. 5, 6 W. F. or 7, 8 W. F.

5, 6. Craft of the Silversmith.—Dealing with the designing, forming and enriching with decoration of silver pins, rings, brooches, pendants and other forms of silver craft work. Constructive methods of stone setting, chain making, carving and enameling are studied and applied to these problems. Prerequisite, A. A. 3, 4, 9, 10. 4. Juniors and Seniors. 5, 6 T. Th.

7, 8. Craft of the Goldsmith.—The character and treatment of gold in ornament, with consideration of built-up designs. Review of the principles of preceding classes by the formation of large center table lamp involving the use of copper, pottery and stained glass. Care of the enamel, biscuit and glost kilns, preparation of firing tables. Analysis of glazes enter into the consideration of this problem. Prerequisite, A. A. 5, 6. 4. Seniors. 5, 6 T. Th.

9, 10. General Design.—Study of the principles of design, with the history and development of historic ornament. This course is conducted by means of problems and collateral reading, photographs and examples of design. Studies and sketches of the various styles of ornament are required in order that the student may have a technical knowledge of the development of design and its relation to sculpture, painting and architecture, thus giving the student valuable knowledge in the various allied courses. Required of all Fine and Applied Arts, Domestic Art and Manual Training degree or certificate students. 4. Freshmen. 7 W. F.

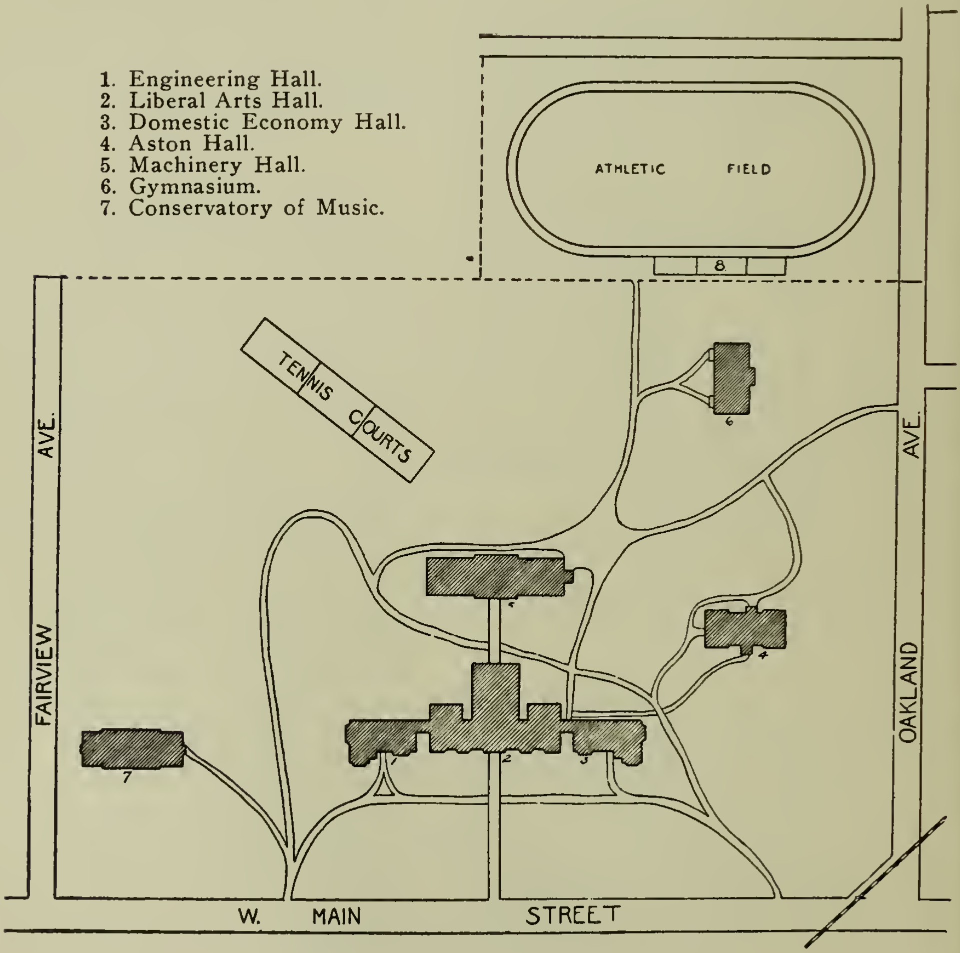
11, 12. Applied Design.—Design applied to the Art Crafts. Class work and lectures are required of all students taking Applied Arts courses 3, 4. Designs made in this class are used for all problems in the above metal working classes. 2. Sophomores.

14. Applied Design.—Special training in the preparation of designs for weaving, stenciling, textiles, wall papers. Study of color harmony and design principles applied to house decoration. Required of Domestic Art students. Prerequisite, Applied Arts 9, 10. Sophomores. 1. 5, 6 S. Second semester.

15, 16. Keramics.—In this course all work must be original to secure college credits. Prerequisite, F. A. A, B, C, D.——A. A. A, B may be substituted for F. A. C, D. See "Special Keramics," for terms. 4.

Special Course in Keramics.—Instruction in this subject includes elementary principles of design and color harmony, the practical application of designs to Keramics, use of tools and appliances, properties of paints, bronzes, lustres, gold, and methods of firing.

Fees, payable in advance, are: One term, 9 weeks, 18 lessons, $10; two terms, 36 lessons, $18. Firing is furnished by the University at fifty per cent standard rates. A new kiln has recently been added which accommodates larger pieces than can usually be fired in college kilns.



MAP SHOWING LOCATION OF BUILDINGS

THE SCHOOL OF COMMERCE AND FINANCE

THE FACULTY

Albert R. Taylor, Ph.D., LL.D., President.

James D. Rogers, Ph.D., Dean of the College.

W. Wilberforce Smith, A.M., LL.D., Professor of Economics and Commercial Law.

Elmer A. Riley, Ph.D., Associate Professor of Commerce and Finance.

Albert T. Mills, A.M., Professor of History and Political Science.

John C. Hessler, Ph.D., Professor of Chemistry.

Robert J. Kellogg, Ph.D., Professor of Modern Languages.

Grace Patten Conant, A.M., Professor of English Language and Literature.

H. C. Stanley, A.M., LL.B., J.D., Assistant Professor of Accountancy and Commercial Practice.

The requirements for admission to the School of Commerce and Finance are stated on page 9 of this Bulletin.

The courses offered are designed to give scientific training of college grade as a preparation for business life. Students looking toward mercantile employment, banking, brokerage, manufacture, civil or consular service, transportation, accountancy, or commercial teaching, will find these courses introduce them to the study and interpretation of the matters with which they will have to deal in after life. The increasing magnitude and complexity of industrial and commercial enterprises render it expedient that those who aspire to any large measure of business success, obtain, as do professional men, an education planned with reference to their vocation. They should gain some insight into the causes and nature of economic developments and an acquaintance with the more important facts and rules that govern financial operations.

These studies, because of their obvious utility and close relation to current affairs, strongly appeal to young men, yet they are none the less intended and found effective for culture, developing sure mental habits, sane judgment and large outlook upon life. They may be commended to those who expect to become lawyers, journalists, farmers, and to those who have not yet chosen their vocation, and desire studies that will afford the discipline of liberal education together with knowledge most likely to prove of practical value.

The commercial museum and library facilities of the School are excellent and are steadily increasing. Members of the School participate freely in all the general literary and social organizations of the College.

The course leads to the degree of Bachelor of Science in Commerce and Finance. For certain of the studies listed below, electives may be substituted from a large number of courses given in other departments of the University, such substitution being in every case subject to approval by the head of the School.

Summary in Commerce and Finance.

Freshman—			
English, 1, 2...........	4.4	6	T. W. Th. F.
Chemistry, 1, 2.........(6) (6)	4.4	3, 4 3	T. Th. W. F.
Geography of Commerce, C. F., 1, 2............	4.0	2	T. W. Th. S.
Industrial History, History 2, a. b...........	0.4	5	T. W. Th. F.
German, French or Spanish	4.4		
Sophomore—			
Accounting and Auditing, C. F., 3, 4............	3.3	4	T. Th. S.
Economics, C. F., 5 a. b.	4.2	5	T. (W.) Th. (F.)
Banking, C. F., 6........	0.2	5	W. F.
Industries and Resources of U. S., C. F., 7, 8..	2.2	4	F. 5 S.
History, 3, 4...........	4.4	1	T. W. Th. F.
German, French or Spanish	3.3		
Junior—			
English, 3, 4............	4.4	1	T. W. Th. F.
Elementary and Commercial Law, C. F., 9, 10.	4.4	2	W. Th. F. S.
Distribution and Transportation, C. F., 11, 12.	3.3	4	T. W. Th.
Finance, C. F., 13, 14...	3.3	6	Th. F. 3 S.
Sociology, C. F., 27, 28.	2.2	6	T. W.
Senior—			
Constitutional Law, History, 7	3.0	2	T. W. Th.
International Law, History, 8...............	0.2	2	T. Th.
Philosophy, (Phil., 1, 2, 3)	4.4	4	T. W. Th. F.
Foreign Commerce, C. F., 16	0.2	1	F. S.
Administration, C. F., 17, 18	4.0	1	W. Th. F. S.
Economic Problems, C. F., 19	1.1	3	T.
U. S. Financial History, C. F., 21.............	0.3	1	T. W. Th.
Seminar, C. F., 23, 24..	2.2	6	F. 4 S.
Thesis, C. F., 25, 26.....	2.2		

DESCRIPTION OF THE COURSES

The distinctive courses of the School of Commerce and Finance are twenty-five. The general University catalog may be consulted for description of the prescribed courses in English, Foreign Languages, History, Chemistry, Philosophy.

Commerce

1, 2. **Geography of Commerce.**—Domestic and foreign, a study of material resources and their availability, industries and the natural causes of their development; diversities of soil, climate, mineral deposits, and of racial character, as the basis of commerce. 4. Freshmen.

7, 8. **Industries and Resources of the United States.**—A detailed and statistical study; the character, location and extent of natural resources, and of the industries based upon them, their history and probable developments. 4. Sophomores.

11. **Distribution.**—The manufacturer's and farmer's problem of marketing products, advertising and sales systems, produce markets, middlemen, etc. 3 Juniors.

12. **Transportation.**—Economic significance of modern development, organization and combination of railway systems, problems of traffic and rate-making, legislative control, the railways, inland navigation and coastwise commerce of United States. 3. Juniors.

16. **Foreign Commerce.**—Volume and character of imports and exports, governmental regulations, consular service, commercial methods and requirements of foreign nations, recent and prospective developments. 2. Seniors.

Finance

3, 4. **Accounting and Auditing.**—The principles and practice of book-keeping and cost-accounting; auditing of accounts, investigation as to capital, income, profits, depreciation, reserves, valuations; analysis of financial statements, adaptation of systems of management and of record to various lines of business. 6. Sophomores.

6. **Banking.**—Form and functions of currency and credit, bank accountancy, state and federal laws, foreign monetary and banking systems compared with those of the United States, fluctuation in the money market reserves, note issue, the clearing house. 2. Sophomores.

13. **Finance, Private and Corporate.**—Investments, problems of capitalization, promotion and financing of construction and operation; combinations and re-organizations. 3. Juniors.

14. **Public Finance.**—Governmental revenue and expenditures, principles of taxation, customs, excises, municipal bonds, and sinking funds; public domain. 3. Juniors.

17. **Administration.**—Organization and management of industrial and mercantile establishments; distribution of function and control. 2. Seniors.

18. **Administration of Civic Business.**—Records, publicity, ownership and operation of public service systems. 2. Seniors.

21. **Financial and Tariff History of the United States.**—Legislation, and experience with respect to currency, banking, debt, income, expenditure, also a history of the tariff policies of the United States. 3. Seniors.

Social Science

5 a, b. **Economics.**—A general study of the fundamental doctrines of political economy regarding the origin and nature of public and private wealth, land tenure, rents, money, credit, wages, organizations of capital and of labor, markets, insurance, taxes, public utilities, etc. 6. Sophomores.

9. **Elementary Law.**—The fundamental principles of American jurisprudence; outline and elements of statutory and common law and equity. 4. Juniors.

10. **Commercial Law.**—Contracts, bills and notes, bailments, agency, partnership, personal and real property, insurance, lease, etc. 4. Juniors.

Constitutional Law.—3. Seniors. See History 7.

International Law.—2. Seniors. See History 8.

19. **Economic and Social Problems.**—A study of current questions, such as control of corporations, elastic currency, trades unions, municipal reforms, indeterminate sentence, one or more of which may be chosen for special investigation. 2. Seniors.

23, 24. **Seminar.**—Assigned readings, investigations, lectures and discussions, intensive and supplementary to studies taken earlier in the course. 4. Seniors.

25, 26. **Thesis.**—The subject must be chosen before November first of the Senior year, and approved by the head of the School. The thesis must be completed, in typewritten form, and placed in the hands of the advisory teacher by the first of May. It is expected to embody results of original investigation in the line of the student's future occupation. 4. Seniors.

27, 28. **Sociology.**—A study of social forces, laws, groupings, achievements, and of the population of the United States, its elements, growth and social characteristics. 4 hours. Juniors.

THE SCHOOL OF LIBRARY SCIENCE

THE FACULTY

Albert R. Taylor, Ph.D., LL.D., President.

James D. Rogers, Ph.D., Dean of the College and Lecturer on the Greek Alphabet and Greek and Persian Literature.

Anne M. Boyd, A.B. with Library Science, Librarian and Instructor.

Robert J. Kellogg, Ph.D., Lecturer on Sanscrit and Germanic Alphabets and Literatures.

Theophile J. Meek, A.M., Lecturer on the Semetic Alphabets and Literatures.

The professors in the other schools of the College give instruction in their respective subjects as listed below.

The purposes of the courses offered under this head are two-fold: (1) to bring the principles of library economy before the general student in such a way as to enable him to use with advantage any properly arranged library and to assist him in selecting and managing his own library, and (2) to train librarians. The courses are given by lecture, text-book, and practice, in which the library itself is the laboratory.

Students completing the following course are awarded the degree of B. S. with Library Science.

Summary Library Science.		B.S. with L.S.		
Freshman—				
English, 1, 2...........		4.4	6	T. W. Th. F.
Chemistry, 1, 2.........	(5) (6)	4.4	3	W. F. 1, 2 T. 3, 4 S.
Mathematics, 1, 2........		4.4	5	T. W. Th. F.
German or French......				
Library, 1, 2...........		1.2	2	W. F.
Collaterals		1.1		
Sophomore—				
English, 3, 4............		4.4	1	T. W. Th. F.
Library, 13, 14..........		2.2		
German or French......				
History, 2a, b...........		0.4	5	T. W. Th. F.
Collaterals		1.1		
Library, 3, 4............		3.2	2	T. 2 Th. 2 S.
Elective		2.1		
Junior—				
History, 3, 4............		4.4	1	T. W. Th. F.
Library, 5, 6............		3.3	6	T. Th. S.
Library, 7, 8............	(2) (2)	1.1		
German or French......				
Biology, 3, 4............		4.4	3 4	Th. S. W. Th. F. S.
Senior—				
Philosophy, 1, 2, 3......		4.4	4	T. W. Th. S.
Economics, 7............		4.0	5	T. W. Th. F.
Library, 9, 10, 11........	(2)	3.1	2	1 W.
Fine Arts, 19, 20.......		1.1	3	S.
Elective		4.10		

Description of Courses

1. **Book-Making.**—History of writing, alphabets, early forms of books, materials, pictographs, manuscripts, the invention and spread of printing, printers' marks, book illustration, book binding (with visits to the local bindery). First semester. 1.

2. **Selection of Books.**—Various problems in the selection and buying of books for libraries are discussed, with special attention given to children's books. Typical books are read, reviewed, and criticised. The "Publishers' Weekly" and leading periodicals, containing book annotations and reviews are systematically examined. Lectures are given on publishers, editions, discounts, etc. Second semester. 2.

3. **Reference Work.**—Lectures, discussions and problems based on "Kroeger's A. L. A. Guide to the study and use of Reference Books," with special attention given to federal, state, and municipal documents. First semester. 3.

4. **Bibliography.**—A study of (1) national and trade bibliography, especially of the United States and England, and (2) general and subject bibliography. Lectures are given on the literature and bibliography of special subjects by professors in the respective departments of the University. Second semester. 2.

5. **Library Economy.**—This course is concerned chiefly with the book in the library before it reaches the reader, and includes the business details involved in ordering books; accession work; the mechanical preparation for the shelves; lectures and practical work on the use of the Dewey Decimal and Cutter Expansive systems of classification; assigning book numbers from the Cutter-Sanborn Author Tables, shelf-listing and dictionary cataloging in accordance with "Dewey's Library School Rules," "Cutter's Rules for a Dictionary Catalogue" and the "A. L. A. List of Subject Headings." First semester. 3.

6. **Library Economy.**—A continuation of Library Economy 2. The more intricate problems of cataloging are studied, and the ordering and use of the Library of Congress printed cards. Each member of the class is required to make a sample catalog of five hundred books. Lectures are given on problems of library administration, including loan systems, organization, architecture, repairing and binding books, the copyright laws, library laws and other allied topics. Second semester. 3.

7, 8. **Elementary Apprentice Work.**—The course includes the minor work of a library, such as the mechanical preparation of books for the shelves, work with the books on the shelves to acquaint the students with the books in the library, practice in library handwriting and alphabeting. The course extends through the year. 2.

9, 10. **Advanced Apprentice Work.**—Students in this class are given the catalog cards of the elementary classes to revise and criticise, do independent cataloging, loan desk and reference work, and receive practical training in the general management of a library. The work extends through the year. 2.

11. **History of Libraries.**—An account of the foundation and development of ancient, mediaeval and modern libraries, special importance being given to the library in the United States. The class meets once each week during one semester. 1.

12. **Alphabets and Foreign Literature.**—(1) The invention and development of the alphabet, with special reference to the genealogy of the English alphabet; a study of the Hebrew, Greek, Slavic, Scandinavian, and other alphabets and their transliteration. (2) A brief survey of the more important works in Oriental and other foreign literatures. First semester. 2. 1913-14.

13. **Library Work With Children.**—A study of the child and his literature; the reading and examination of books for children; methods of interesting children in good literature; story telling, what stories to tell and how to tell them; the organization and equipment of the children's room; work with the public schools. Second semester. 2.

COLLATERAL READING

It is supposed that the reading courses in the different departments, especially in the langauges, will greatly enlarge the acquaintance of all candidates for the degree in this School with the world's masters, but they can hardly give sufficient familiarity with the various branches of literature, science, history, and the other fields of learning included in the average public library. The efficiency of every librarian depends upon the range and character of his knowledge of books and his skill in utilizing that knowledge in serving his patrons; indeed success in all lines of library management will largely depend upon it.

Acquaintance with the following books will be found invaluable both for their informational and cultural character. They have been selected with great care and will be recognized as quite representative. It is taken for granted that many of them have already been read by candidates in their general or collateral reading, so that the list is made large enough to enable them to make such selections as will make their list as nearly representative as possible. Every student is expected to read one book per month or at least one from each group throughout the college course; many will read more, particularly of the smaller ones. The librarian will be pleased to approve books not in the list, if they are presented for viseing before reading and are regarded as equivalent in value.

I.

Aurelius	Meditations. (Translated by Long)
Ball	Story of the heavens
Clarke	Ten great religions. 2 vol.
Darwin	Naturalist on the "Beagle"
Drummond	Greatest thing in the world
Fiske	Myths and myth makers
Fiske	Through nature to God
Fletcher	Happiness
Gladden	Applied Christianity
Hyde	The college man and the college woman
Lecky	History of European morals. 3 vol.
Locy	Biology and its makers
Plato	Apology, Crito & Phaedo. (Trans. by Church)
Riis	How the other half lives
Spencer	Education
Steiner	On the trail of the immigrant
Tylor	Primitive culture. 2 vol.
Winchell	Sketches of the creation

II.

Bryce	The Holy Roman empire
Carlyle	French Revolution. 3 vol.
Creasy	Fifteen decisive battles
Du Chaillu	Viking age
Howells	Venetian days
Herodotus	Stories of the east. (Trans. by Church)
Irving	Alhambra
Jusserand	English wayfaring life in the middle ages
Kennan	Siberia and the exile system
Livy	Rome
Lummis	Spanish pioneers
Motley	Rise of the Dutch republic
Norman	Peoples and politics of the far east
Parkman	Oregon trail
Prescott	Conquest of Peru. 2 vol.
Stanley	How I found Livingstone
Wright	Ancient cities
Xenephon	Anabasis
Story of the nations series (any of these).	

III.

Agassiz, E.	Life and letters of Louis Agassiz
Compayré	Abelard and the origin of the University
Eckermann	Conversations of Goethe
Froude	Life of Carlyle
Howells	Literary friends and acquaintances
Keller	Story of my life
Mitchell	About old story-tellers
Plutarch	Lives (Three selected)
Phillips	Toussaint L'Ouverture
Sevigné	Letters
Villari	Life and times of Savonarola
English men of letters series. (Any one of these.)	

IV.

Aeschylus	Antigone
Corneille	Le Cid
Dante	Divine comedy
Euripides	Hippolytus; Medea
Goethe	Faust
Homer	Iliad; Odyssey
Khayyam	Rubaiyat
Kalevala	
Morris	Sigurd the Volsung
Moliere	Tartuffe; L'Avare
Racine	Athalie
Schiller	Wallenstein or William Tell
Virgil	Aeneid
Ovid	Metamorphosis
Symonds	Greek poets. 2 vol.

V.

Arnold	Sweetness and light
Bacon	Essays
Benson	From a college window
Burroughs	Fresh fields
Carlyle	Past and present; Essays on German literature
Henderson	How music developed
Kuhns	Love of books and reading
Macaulay	Essays
Montaigne	Essays
Reinach	Story of art throughout the ages.
Ruskin	Sesame and lilies
Stevenson	Familiar studies of men and books
Smith	A true captain of industry
Stephens	Hours in a library. 3 vol.
VanDyke, H.	Little rivers
Vandyke, J.	The meaning of pictures
Warner	My summer in a garden

VI.

Arabian nights	
Austen	Pride and prejudice
Balzac	Eugenie Grandet
Bronté	Jane Eyre
Cervantes	Don Quixote
Dickens	David Copperfield
Dickens	Martin Chuzzelwit
Eliot	Mill on the Floss
Eliot	Romola
Eliot	Middlemarch
Gaskell	Cranford
Goethe	Wilhelm Meister
Hawthorne	Scarlet letter
Hawthorne	House of seven gables
Hardy	Return of the native
Howells	Rise of Silas Lapham
Hugo	Les miserables
Hugo	Notre Dame
James	Bostonians
Kingsley	Westward ho!
Meredith	Egoist
Reade	Cloister and the hearth
Scott	Guy Mannering
Scott	Kenilworth
Scott	Bride of Lammermoor
Thackeray	Vanity Fair
Thackeray	Henry Esmond
Stevenson	Master of Ballantrae
Stevenson	Dr. Jeckyl and Mr. Hyde
Trollope	Barchester towers
Watson	Beside the bonnie brier bush

THE SCHOOL OF PEDAGOGY

THE FACULTY

Albert R. Taylor, Ph.D., LL.D., President, Philosophy and Pedagogy.

James D. Rogers, Ph.D., Dean of the College, Professor of Ancient Languages, Teachers' Course in Latin.

Benjamin B. James, A.M., Professor of Methods and Management.

William H. Varnum, Professor of Fine and Applied Arts, Methods in.

Robert J. Kellogg, Ph.D., Professor of Modern Languages, Methods in.

Grace Patten Conant, A.M., Professor of English Language and Literature, Methods in.

Bertha M. Miller, Ph.B., Professor of Domestic Science, Methods in.

Mabel Dunlap, B.S., Professor of Domestic Art, Methods in.

Lorell M. Cole, Professor of Manual Training, Methods in.

William E. Snyder, Associate Professor of Piano Playing, Musical Pedagogy.

Elson W. Morphy, Professor of Violin Playing, Methods in.

Ruth Darrow, Associate Professor of Singing, Methods in.

The profession of teaching differs from the other learned professions in that the prospective teacher, in getting the fundamentals of his general education, is mastering the subject matter of his future profession. In all the work of the institution the needs of the teacher of the subject are considered. Courses are also given in the various departments named especially planned for that purpose.

The following outline of general courses gives a good idea of the work offered. Students completing sixteen hours in the courses named and one hundred twelve hours in the required subjects and remaining electives in the A.B. or technical courses, will be awarded the degree of B.S. with Pedagogy. Graduates of this and other colleges of similar standing will, on completion of one year's work, including at least sixteen hours in general and special pedagogy, be granted a degree corresponding to that held by them with Pedagogy.

GENERAL COURSES

Courses 1, 1a and 2, 2a are also open to senior academic and special students.

1. **Child Study and Elementary Psychology.**—A careful review of the genesis and development of the various physical and mental activities of the child, together with normal and abnormal conditions with which all teachers should be fully acquainted; a study of motives and their significance in the developing child, children's instincts, plays, manners and morals, stages of growth, etc. First half of first semester. (4). 2.

1a. **The Art of Teaching.**—A comprehensive analysis of the fundamental principles of method and their application to the art of teaching in general; the application of same to methods of teaching the different subjects; a variety of practical problems in methodology. Second half, first semester. Freshmen. (4). 2.

2. **School Management.**—The importance of a rational school system; the organization of the school; the location of the site and the construction of school buildings; the boards of control and their duties; the teacher, his qualifications and functions; courses of study, programs, grading pupils, problems of management of pupils and of classes, etc. First half, second semester. Freshmen. (4). 2.

2a. Lectures by members of University faculty and outside talent on special phases of the school-master's art, round table discussion of authorities on special topics assigned to individual members of the class for review. School visits by students with reports, criticisms, and discussion by class. Second half, second semester. Freshmen. (4). 2.

3. **Philosophy of Education.**—The meaning and scope of education as a science and as an art; the prerequisites for an intelligent investigation of both; the elements involved; physical education; the application of psychology in the development of the principles in intellectual education; the act of learning and the relation of the teacher to the same; the culmination of the scheme in the emancipation of the youth and the mastery of his powers through self-volition; moral and religious culture. Second half, first semester. Seniors and Fellows. (4). 2.

4. **History of Education.**—Brief but comprehensive reviews of education among oriental peoples; Greek and Roman education; early Christian education; mediaeval educational institutions and methods; the renascences and their relation to modern pedagogy; modern systems in Europe and America; the rise and development of the universities; eduactional reformers; relation of educational institutions to the progress of civilization. Second semetser. Seniors and Fellows. (4). 4.

5. **Practice Teaching** in the elementary Academy classes under supervision of the principal and the departments interested.

Special Courses

6. Teachers' Course for Ancient Languages; see Latin, courses 13, 14.

7. Teachers' Course for Modern Languages; see German, 11, 12.

8. Teachers' Course for Domestic Science; see Domestic Science, 15, 16.

9. Teachers' Course for Domestic Art; see Domestic Art, 9, 10.

10. **Theory and Practice of Teaching Art**; see Fine Arts, 13, 14.

11. **Teachers' Training Classes in Music**; see under Conservatory of Music.

12. **Manual Training.**

13. **Teachers' Course, Methods in Teaching English**; see English, Language and Literature.

MANUAL TRAINING

Lorell M. Cole, Professor.

The following courses are designed to give to the students such training as will fit them to take positions as teachers and supervisors of manual training. Students entering them must give evidence of having completed a course equivalent to that of a four years' high school course. A certain amount of technical training or experience may be accepted as part of the above requirements.

Those candidates who satisfy the college entrance requirements and who have supplemented two years of approved manual training work, with two years of regular college work, will be given the degree of Bachelor of Science in Manual Training. Said supplementary subjects must include at least two years of a foreign language, one year of English, one year of mathematics, two years of laboratory science, and one year of advanced pedagogy, including one semester of history of education.

A two-year teacher's certificate course in Manual Training is offered to candidates who satisfy the regular college entrance requirements, and who in addition present with the following two-year special Manual Training course, at least one year of approved teaching experience or administrative work, or another year of college work.

A special certificate attesting completion of the special two-years' course in Manual Training will be issued to any student entitled to the same.

Special Course for Teaching Manual Training in Elementary and Secondary Schools

First Year—		
English, 1, 2............	4.4	2 T. W. F. S.
Manual Training, 7, 8..(4)	2.2	3.4 W. F.
Applied Arts, 3, 4.......(4)	2.2	5,6 W. F.
Applied Arts, 1, 2.......(4)	2.2	5,6 T. Th.
Mechanical Drawing, 15 16 ....(4)	2.2	5, 6, 7, 8 M.
Fine Arts, A...........	2.	3,4 T. Th.
Manual Training, 12, 13.(4)	2.2	
Manual Training, 9, 10..(4)	2.2	1, 2, 3, 4 S.
Wood Carving, 4.......	2.	
Second Year—		
Pedagogy, 1, 2..........	4.	
History of Industries....	.4	
Manual Training, 1, 2...(4)	2.2	
Manual Training, 3.....	2.	
Manual Training, 5, 11..(4)	2.2	
Pattern Making and Forging, 6, 14.............(4)	2.2	
Mechanical Drawing, 17, 18 ....(4)	2.2	
Practice Teaching.......	.2	
Machine Shop and Motive Power, 19, 20.........(4)	2.2	
Elective	2.	
Journal Reading.........(2)	1.1	

1, 2. Theory and Principles of Teaching Manual Training; History of Manual Training.—Prerequisites, Manual Training 7, 8. About two-thirds of the time assigned to this course will be devoted to the study, investigation and discussion of manual training problems, and one-third of the time to History of Manual Training. Some of the topics considered will be: the place of manual training as a factor in mental development; the industrial phase of manual training; relation of art to manual training; history of the manual training movement; Sloyd and Russian systems; art and manual training; relation to the child; method of presentation in the class room; value of various processes in the different grades, etc. 4.

3. Organization, Equipment and Supplies.—Problems concerning the organization and equipment of manual training schools will be considered and existing practice investigated; cost of equipment, supplies and maintenance; design of apparatus, fixtures, etc. 2.

5. Theory of Woodworking.—This course will include a study of the physical properties and structure of wood; comparative value of different woods for manual training purposes; theory of tool action and tool construction; care of tools; principles of construction in wood, etc. 2.

7, 8. Manual Training for Primary Grades.—This course will involve a study of the processes suitable for handwork in the lower grades of the elementary school, and practice in manipulating materials. It will include paper construction, cardboard work, and knife work. 4.

9, 10. Elementary Woodworking.—Instruction in the use of simple bench tools and in the construction of articles suitable for manual training in the higher grades of the elementary school. 6.

11, 12, 13. Advanced Woodworking.—Prerequisite, Manual Training 10. First semester. Practice in the use of ordinary bench tools, involving construction of articles suitable for manual training in the higher grammar grades and high school. Two semesters, wood-turning. 4.

Practice Teaching.—Excellent opportunities for practice teaching are afforded. Manual training classes from the public schools come to the University for instruction.

In forging, mechanical drawing, pattern-making and machine-shop practice, comprehensive courses are given that fully cover the theory and practice in each subject. Each course is given with special reference to the pedagogical principles involved. In connection with the course in machine-shop practice, practical instruction is given in operating electric motors and steam and gas engines.

PHYSICAL TRAINING

James N. Ashmore, Director.

Mollie Grubel, Physical Training for Women.

The department of physical training supervises and directs all gymnastics and athletic activities. The former embraces the usual courses in gymnastics and the latter includes baseball, basket ball, lawn tennis, foot ball, track work, cross-country runs, etc.

The equipment for both is mentioned elsewhere. The value of regular systematic exercise for the growing youth and for students in general is too well conceded to need argument in its favor.

The courses in gymnastics for women embrace hygienic, corrective and recreative exercises including free gymnastics, fancy steps, clubs, wands, dumb-bells, games, May pole, etc.

Their object is to improve bodily health, develop the vital organs, round out a symmetrical form, give grace of movement, teach habits of good posture in sitting and standing and make the entire body subservient to the control of the will. 2 hours per week.

The courses in gymnastics for men extend over two years, beginning with exercises in free gymnastics and in light apparatus and extending through the usual exercises with heavy apparatus—all organized for the purpose of developing a symmetrical form, vigorous health, ready strength, and quickness of thought and action. They also anticipate the more exacting activities of the athletic field and fit aspirants to contest with their fellows for recognition on the different outdoor teams. 2 hours per week.

The Director coaches the athletic teams, thus giving unity to the indoor and outdoor exercises of the institution.

All of the foregoing work counts one-half point per semester in the required collaterals, with the provision that the members of the athletic teams shall attend the regular gymnastic classes during the winter months, when they are debarred from field work.

These courses are open to all students in all of the departments of the University.

The new gymnasium is most commodious, convenient and attractive in all its appointments and will help greatly to popularize this important department in all well-rounded educational systems.

At least two years' work in gymnastics proper is required of all students in the Academy and in the College. In the latter it is required of freshmen and sophomores.

DEGREES

Rules Concerning Theses

Each candidate for a degree is required to present a suitable thesis upon an approved subject, which must be selected within the range of his major. The subject must be approved by the proper officers before January first of his senior year, and the thesis must be in the hands of the examining committee before May 1st. If the nature of the subject permits, it must be typewritten. It shall not be less than 2,500 words in length for the Bachelor's Degree and in other cases will be determined by the committee in charge. It must be accompanied by all necessary drawings, blue prints, models, and tabular statements. After approval a bound copy must be deposited with the Librarian as the property of the University.

Text-books or other printed matters of a compiled or edited nature will not be accepted as a thesis, unless specially prepared for the degree desired, save as otherwise explicitly provided in the regulations concerning that degree.

Regulations Concerning the Master's Degree

1. The degree of Master of Arts may be granted to graduates of The James Millikin University, or to graduates of other colleges or universities who have completed equivalent courses on the following basis:

(a) In Residentia.—To applicants who complete successfully a prescribed course in residence, the minimum time to be one year. The work shall be equal to at least a year of undergraduate study, and shall be on subjects of an advanced nature. Such work may include advanced courses which are open to undergraduates. The course may be approved by the committee of the Council, who shall also prescribe and conduct examinations for the year. The applicant shall present a satisfactory thesis to this committee under a general rule for theses. The fee shall be one year's tuition and laboratory fees, and a diploma fee of five dollars, payable under the general rules of the University.

(b) In Absentia.—The applicant shall begin his work not later than October 1st in any year, and shall spend a minimum time of two years upon it. Such work shall be of an advanced character, equal in amount to at least one-half more than the work prescribed for residence. The course shall be prescribed by a committee of the Council, who shall prescribe all examinations, reports, etc., and the regulations concerning their conduct. In no case shall these reports be farther apart than two months. The applicant shall submit a thesis under the general rule for theses. He shall pay a fee of one-half year's tuition at the beginning of each two years and a diploma fee of five dollars under the general regulations of the University.

Work in professional schools, leading to degrees in Medicine, Dentistry, Law, Divinity, and the like, may be counted towards the Master's Degree for not more than one-third the work required for that degree.

2. The degrees of Master of Arts and Master of Science may be granted with specification of the department (as Master of Arts in Greek, Master of Science in Chemistry) to applicants who pursue in residentia or in absentia courses under the general regulations in (1), provided that at least three-fourths of the work done be strictly graduate work in the department specified.

THE CONSERVATORY OF MUSIC

THE FACULTY

Albert R. Taylor, Ph.D., LL.D., President.

James D. Rogers, Ph.D., Dean of the College.

Hermann H. Kaeuper, Director, Piano Playing, Composition, etc.

Ada Emilie Lindsay, A.B., Secretary.

Frederick H. Baker, Associate Professor of Piano Playing.

Harold A. Cole, Professor of History of Music and Associate Professor of Pipe Organ and Piano Playing.

Ruth Darrow, Associate Professor of the Art of Singing and Professor of Public School Music Methods, Ear Training and Sight Reading.

Edson W. Morphy, Professor of Violin Playing and Conductor of Orchestra.

William B. Olds, Professor of the Art of Singing.

William Erhart Snyder, Professor of Pipe Organ Playing and of the Art of Teaching Piano Playing and Associate Professor of Piano Playing.

Lillie Ashby, Instructor in Piano Playing.

Babetha Beecher, Instructor in Piano Playing.

Edna Childs, Instructor in Piano Playing.

Sylvia Fisk, Instructor in Piano Playing.

Nellie Gebhart, Instructor in Piano Playing.

Lillian Heath, Instructor in the Art of Singing.

Mary Hemenway, Instructor in Violin Playing.

George O. Lillich, Instructor in Piano Playing.

Fay MacAdams, Instructor in Piano Playing.

Anna Whitmer McNabb, Instructor in Piano Playing.

Ora B. Rogers, Instructor in Piano Playing and Harmony.

Madah Snell, Instructor in Piano Playing.

Jeannette Trautman, Instructor in the Art of Singing.

Robert Walter, Instructor in Wind Instruments.

Grace Wandel, Instructor in Piano Playing.

Bessie Stone Williams, Instructor in Piano Playing and Harmony.

OBJECT OF THE CONSERVATORY

The Millikin Conservatory of Music has for its object not only the diffusion of thoro musical knowledge but also the development and refinement of the minds, characters and tastes of its pupils. The institution attempts for its pupils superior proficiency by a well regulated and scientific plan of instruction, not only for those who wish to devote themselves to music as artists and teachers, but also for amateurs whose chief object is to acquire a correct knowledge of music.

It prides itself on the artistic attainments of its pupils. Thoroness is its motto. The prices for tuition have been made as low as possible, consistent with its high aims.

The advantages of instruction here are many. The proper conditions and appliances, with which to develop the talents of the pupils, are at hand and pupils have the advantages free of cost of the study of ear training and sight reading, fundamental harmony, history of music. ensemble playing, etc., which are so very necessary to a complete musical training. Attendance at concerts and recitals is also free. Send for catalog and learn of many other advantages in this Conservatory of Music.

THE NEW BUILDING

The new building to be entirely devoted to the needs of the Conservatory of Music is now being erected. It has a beautiful location on the southwestern part of the University campus with a very large lawn on all sides. The design is in the Elizabethan style of architecture to harmonize with the present university buildings.

There will be 82 rooms, of which 32 will be teaching rooms for private lessons, 6 large class rooms for theoretical and other class work, 26 devoted to practice and study purposes, 4 offices and administration rooms, 5 toilet rooms, library, rest room, cloak rooms, etc. A recital hall with capacity of 250 people will occupy the west wing on the first floor. The general architectural treatment of this hall as of the whole interior will be in pure Gothic style.

The problem of tone-proof construction was very thoroly studied, and this building is one of the most complete and effective for its special purposes ever erected.

The building will be completed and equipped during the present summer ready for the work of the collegiate year 1912-13, which opens September ninth.

A picture of the building and more information may be found in the Conservatory Catalog, which will be mailed on application.

PLAN OF EDUCATION

Students of the Conservatory are classified as collegiate, academic and elementary.

Students are admitted to the collegiate department on completion of four grades of any practic music course with its accompanying collateral courses. Collegiate students begin the obligatory studies with the beginning of the year. Instruction is offered in all studies appertaining to each specialty, the more advanced education in solo and ensemble playing, solo and chorus singing, and participation in musical performances. The classes for training teachers of music are included in the collegiate department.

The academic and elementary departments are preparatory for the collegiate department, offering both general and special instruction. This arrangement gives even elementary pupils the advantage of instruction in a well-appointed school.

The highest ideals in musical art are kept constantly before the student, and the utmost care is exercised in every branch. It is the aim of every faculty member to develop genuine and sincere musicianship in the students.

DIPLOMAS AND CERTIFICATES

Diplomas are conferred upon students in the Collegiate Department who have been in the Conservatory at least one year and who have completed the required course in any practical subject with the required collateral work.

Certificates are issued to pupils in the Collegiate Department who have completed specified work.

See the complete Conservatory catalog for outlines of the requirements for certificates and diplomas.

It is impossible to estimate the time it will take a student to complete a course of instruction. Some pupils take five years to accomplish what others do in three. So much depends on the talent of the pupil and to his application to intelligent and conscientious study and practice.

BEGINNERS ADMITTED

Beginners are especially welcome, and may be assured, when commencing their studies here, that they will not have to retrace their steps, but that their progress will be certain and steady.

Some persons have the erroneous idea that the pupil should arrive at a certain stage of advancement before coming to the University for music study. This postponement is not advisable. It is of great advantage to a pupil to have his studies in the most elementary grades directed according to the thorough and scientific pedagogic methods employed in this Conservatory.

TIME FOR ENTRANCE

The collegiate year is divided into four terms but pupils may enter at any time and tuition will be charged for the part of the term remaining at the date of entrance. It is urged, however, that pupils begin their study as near the opening of the year as possible, so that they may obtain desirable hours for lessons, and gain the advantage of assignment to the first classes organized, thus losing none of the free instruction which is given to regular pupils.

COURSES OF STUDY

Outlines of the thirty-seven different courses offered in the Conservatory will be found in the special Conservatory catalog. The various titles of courses are enumerated in this catalog on page 43 under the head of "Tuition Fees."

LITERARY-MUSICAL COURSES

Academic and Collegiate

In harmony with the opinions of the most advanced pedagogical authorities, the University offers courses of study in the Academy and College which include the study of music as an integral part of an academic or collegiate education.

In combining music with the regular studies many advantages will accrue to the student. The value of music as a vital factor in broadening the mental faculties, in strengthening the moral character and in furthering the physical development, is recognized as of equal importance with other elective subjects.

The Academic and Collegiate courses consist of four years' work each, in which the study of music constitutes one-fourth of the required work.

The course for academic graduation includes:

Music	32 points
German, French, Latin or Greek	24 points
Mathematics exclusive of Arithmetic	10 points
English	30 points
Domestic Science and Chemistry or Physics	8 points
History	4 points
Fine Arts A, B, C and D	8 points
Biology	8 points
Collaterals	4 points
Elective	4 points
	132 points

Music is to be continuously and satisfactorily pursued during the entire course.

The course for collegiate graduation includes:

Music	32 points
German, French, Latin or Greek	32 points
English Literature and Composition	16 points
Mathematics	8 points
History and Economics	8 points
Biology	8 points
Philosophy	8 points
Collaterals	4 points
Elective	16 points
	132 points

NOTE.—Fine Arts Courses 3,4 and 5,6, or Applied Arts 3, 4 and 5, 6, may be substituted for eight points of College Mathematics on approval.

The above course leads to the degree of Bachelor of Science in Music.

ELECTIVES IN THE OTHER SCHOOLS

Sixteen points in advanced, college, music may be used as electives in the courses leading to the bachelors' degrees; one-fourth of the points offered must be in theoretical subjects.

Eight points in academic or college music may be used as electives in the preparatory courses in the Academy leading to the various schools in the College; one-fourth of these must be in theoretical subjects.

NOTE.—For other Music Courses write for the special Bulletin of the Conservatory.

FREE INSTRUCTION

No one is able to obtain a thoro knowledge of music merely by taking private lessons in singing, piano, pipe-organ, or violin playing. Theoretic, scientific and historic courses of music are essential to the attainment of a thoro musical education. This Conservatory offers many such courses free of cost to its pupils and strongly urges that as many of them as possible be taken. The Director or Secretary will advise each student which of these courses should be taken.

We know of no other music school which offers so complete an array of theoretic, scientific and historic music courses and which gives so many free advantages to its students. In most reputable music schools, whether in large or small cities, large tuition fees are charged the students for similar courses, if offered at all.

Any one not a pupil of the Conservatory may join these classes by paying five dollars per term, twenty dollars per year, for each course.

Outlines of these courses and fuller information are given in the Conservatory of Music catalog which will be mailed to any one who expresses a desire to see it.

The Free Courses

1 Essentials of Musical Theory
2 Elementary Harmony
3 Ear Training
4 Sight Reading
5 Appreciation of Music
6 Public Performance
7 History of Music
8 Physics of Music and Acoustics
9 Voice Ensemble
10 Piano Ensemble
11 Violin Ensemble
12 Men's Choral Club
13 Girls' Choral Club
14 University Chorus
15 Orchestra
16 Physical Training

THE CHORUS AND ORCHESTRA CLASSES

The chorus and orchestra classes meet each week and appear in concerts with the assistance of advanced vocal and instrumental pupils and with members of the faculty.

Pupils are admitted without charge to chorus and orchestra as soon as competent.

CONCERTS AND RECITALS

The Conservatory of Music presents during each scholastic year a series of concerts and recitals by its students, the Conservatory Orchestra and Choruses and members of the faculty. These events should be regularly attended by all students, as the hearing of art works and the consequent acquaintance with musical literature forms an important part of a musical education. All persons interested have free access to these events.

SYMPHONY ORCHESTRAS AND ARTISTS' RECITALS

Few schools supply so brilliant an array of orchestral and artists' concerts for the enjoyment and education of the students. The artists' recitals are given by members of the faculty and leading concert artists. The Conservatory has presented the following during the past year:—The New York Symphony Orchestra, Walter Damrosch, Conductor; the Minneapolis Symphony Orchestra, Emil Oberhoffer, Conductor—solo artists: Czerwonky and Saslavsky, violinists; Fischer, 'cellist; Kellerman, bass; Hargreaves, tenor; Clark, baritone; Mme. Tewksbury, soprano; Mme. Wheat-Baal contralto; Mrs. Stella Hadden Alexander in complete Schumann and MacDowell programs, etc.

CHURCH MUSIC

Members of the faculty direct the music in most of the large churches in the city. Students have opportunity by singing in the choirs to study the best in church and oratorio music; or if not choir members, to hear these fine works.

MUSIC TEACHERS' TRAINING DEPARTMENT

The Normal Department has for its object the thoro training of teachers of piano, violin, voice and public school music in the Theory and Practice of Musical Pedagogy. Many music schools are content to teach their pupils how to play and on that acquisition alone award them teachers' certificates, the pupils not understanding the first principles of teaching. This school offers courses specially prepared for the training of teachers in the science and art of teaching, thus fitting them to train intelligently and scientifically the mental, physical and emotional powers of the pupil.

The full course in this department covers a period of two years, but a student who has the necessary strength and time for study may complete the full course in one year. The first year's work is devoted to general musical pedagogy for students preparing to teach either public school music, voice, violin or piano-playing. The second year's work is devoted to specific study for teachers in the above courses. The course in Theory, and Practice of Public School music with Miss Ruth Darrow, includes the general principles of tone production, breathing, rote singing, staff drill, rhythm, ear-training, solfeggio, two, three and four part songs, and thoro preparation for successful work as supervisor of music in public schools.

The course in Theory and Practice of Teaching Piano-Playing embraces a thoro training in Leschetizky Principles of Technic and Interpretation and all elementary and advanced problems of piano teaching are carefully studied.

In the course of Theory and Practice of Teaching the Art of Singing, the special tasks and problems of the voice teacher are taken up and fully discussed.

The special course in Theory and Practice of Violin Playing embraces all of the subjects and problems of the violin teacher.

The course in Psychology in its Relation to Music is one of the requirements for teacher's certificate and may be taken in either the first or second year.

Students taking the second year's course are assigned pupils in the Conservatory of Music, which they are permitted to teach under the supervision of the heads of these departments, thus combining theoretical instruction with supervised practical experience in teaching which is the ideal way of developing the teacher's equipment for his work.

Teachers' Certificates are granted to all who complete the course.

HOMES FOR YOUNG WOMEN

The young women of the Conservatory find delightful homes either in private families or at Aston Hall. For full particulars, see page 51.

Students who prefer private homes will find no difficulty in locating pleasantly and at low cost. The Secretary of the Conservatory takes pleasure in giving students valuable advice concerning homes for board and room, either by mail or interview.

ADVANTAGES OF UNIVERSITY ASSOCIATION

The value of university associations for the student of the Conservatory of Music cannot be overestimated. As one of the schools of the University many advantages accrue to the music student either free of charge or for a small fee. The Liberal Arts, Fine and Applied Arts, Domestic Economy and other schools of the University offer many courses of study and practical work from which selections can be made for work to be pursued with the courses in music.

The student has many opportunities for pleasant and profitable social intercourse in the various literary, dramatic and fraternal societies. The Choral Clubs, University Chorus, and the Orchestra, are open to those qualified to do the work in these organizations.

Noted lecturers, educators and entertainers are presented to the students thruout the college year either free or at moderate cost.

Chapel privileges are open to all music students.

MUSIC LESSONS FOR CHILDREN

Elementary Department—Piano, Voice or Violin

The elementary department offers thoro instruction in piano, voice or violin at very low cost. To obviate the necessity of correcting faults which too often are formed by students incorrectly taught, a correct scientific training is of the greatest importance, especially to children. This fact is nearly always overlooked by parents and students, and the result is that beginners are too often entrusted to the teaching care of faulty instructors.

Lessons on Saturdays

All the class lessons in this department are given on Saturdays and, as far as possible, the private lessons also. To be certain of Saturday lesson assignments, register as early in the school year as possible.

Public Performance

All pupils in the elementary department have the privilege of appearing on the public recital programs of the elementary department as soon as they are competent, and of attending the class meetings for training and practice in public performance.

TUITION FEES

In Elementary Department

Piano Playing

One private lesson each week in piano with an assistant teacher; and One class lesson each week in rudiments of music, elementary harmony and ear training; and One class lesson each week in piano technic:	$1.84 per month of 4 weeks (4 private and 8 class lessons.)
Same as outlined above, except private lessons with an instructor. Fees vary according to instructor selected.	$2.75 or $3.75 per month of 4 weeks (4 private and 8 class lessons).

Singing or Violin Playing

One private lesson each week in singing or violin playing; and One class lesson each week in rudiments of music, elementary harmony and ear training.	$2 per month of 4 weeks (4 private and 4 class lessons).

Private Lessons Only

Piano Playing	50 or 75 cents each, according to the instructor selected.
Singing	50 cts. for each lesson
Violin Playing	50 cts. for each lesson

TUITION FEES

In Academic and Collegiate Departments

Note.—Included in these prices for any branch of practical music the student has the privilege of taking as many as he is capable of taking of the courses mentioned below as being free of charge. See "Free Instruction," page 41. When one considers this and the rapid advancement made by pupils under a well regulated system of instruction, it is readily seen that the terms are very low.

All class lessons are sixty minutes in length, all private lessons are thirty minutes, except by special arrangement at time of registration.

These prices are for a term of nine weeks payable in advance. Because the second and fourth terms each contain ten weeks a proportionate extra charge is made in these terms.

PRACTIC MUSIC COURSES

The fees for practic courses vary according to the teacher selected. See "Tuition Fees" in Conservatory catalog which indicate specific fees for each teacher.

PER TERM OF 9 WEEKS Private Lessons	One Lesson Each Week	Two Lessons Each Week
Art of Singing	$4.50 to $13.50	$ 9.00 to $27.00
Vocal Diction	9.00	18.00
Vocal Expression—Public Speaking	9.00	18.00
Piano	4.50 to 13.50	9.00 to 27.00
Piano Technic	4.50 to 13.50	9.00 to 27.00
Piano Accompanying and Ensemble	13.50	27.00
Pipe-Organ	9.00 to 13.50	18.00 to 27.00
Violin	4.50 to 9.00	9.00 to 18.00
Cello	9.00	18.00
Wind Instruments	9.00	18.00

Class Lessons	One Hour Each Week
Ear Training and Sight Reading (First Year)	Free of Charge
Ear Training and Sight Reading (Advanced)	$2.50 per term of 9 weeks
Vocal Diction — For Singers and Speakers	$5.00 per term of 9 weeks
Vocal Ensemble	Free of Charge
Men's Choral Club	Free of Charge
Girls' Choral Club	Free of Charge
University Chorus	Free of Charge
Vocal Expression—1 to 5 hour lessons each week	$5.00 per term of 9 weeks
Piano Technic	$5.00 per term of 9 weeks
Piano Ensemble	Free of charge
Violin Ensemble—1½ hours each week	Free of charge
Orchestra—1½ hours each week	Free of charge
Public Performance	Free of charge
Physical Training—2 hours each week	Free of charge

THEORETIC, SCIENTIFIC AND HISTORIC MUSIC COURSES

Private Lessons

These subjects are all taught in classes but private lessons are given to students who find it inconvenient to attend a desired class because its time of meeting conflicts with other engagements, or for any other reason. The charges for such private lessons are the same as for practical music courses taken in private lessons and vary from $4.50 to $13.50 per terms of nine weeks for one lesson each week, according to the teacher selected.

Class Lessons	One Hour Lesson Each Week
Essentials of Musical Theory	Free of charge
Elementary Harmony	Free of charge
Appreciation of Music	Free of charge
Physics of Music and Acoustics	Free of charge
History of Music I (First year)	Free of charge
History of Music II (Second year)	$2.50 per term of 9 weeks
Advanced Harmony	$3.00 per term of 9 weeks
Music Form and Analysis	$3.00 per term of 9 weeks
Counterpoint, Canon and Fugue	$5.00 per term of 9 weeks
Composition	$5.00 per term of 9 weeks
Orchestration	$5.00 per term of 9 weeks

MUSIC TEACHERS' TRAINING COURSES

Private Lessons

Students desiring private lessons in any course under this head may obtain them at the regular rates for private lessons with the teachers having these subjects in charge.

Class Lessons	
Musical Pedagogy	$5.00 per term of 9 weeks
Theory and Practice of Teaching Public School Music	$5.00 per term of 9 weeks
Theory and Practice of Teaching Piano Playing	$5.00 per term of 9 weeks
Theory and Practice of Teaching Singing	$7.50 per term of 9 weeks
Theory and Practice of Teaching Violin Playing	$7.50 per term of 9 weeks
Child Study and Elementary Psychology—4 hour lessons each week	$5.00 per term of 9 weeks
The Art of Teaching—4 hour lessons each week	$5.00 per term of 9 weeks
Psychology in its Relation to Music	$2.50 per term of 9 weeks

A small contingent fee is charged each student registering.

GENERAL INFORMATION

Pupils who desire to earn a part or all of their tuition and living expenses may be greatly aided by the Conservatory. Such persons should write to the director or secretary frankly. A number of our pupils have been helped to earn a large part of their expenses.

Pupils may enter at any time, but will not be accepted for less than one term of nine weeks. Each pupil is advanced according to ability.

Students residing out of town, may receive all their weekly lessons during one or two attendances.

Parents and prospective students are asked to consult with the Director or Secretary as to the number and kind of lessons to be taken.

Students enrolled only in the Conservatory of Music pay no fee except the music fees. Music students who take courses in the Academy or College of the University pay fees in proportion to the number of subjects pursued.

Each student is expected to attend all school recitals unless excused by the Director.

Pianos are available for practice in the Conservatory building.

Earnestness and regularity of attendance are counted in the awarding of certificates and diplomas.

The standing of each student in every subject studied is reported to the Director by the teachers at the end of each term and is kept on record.

For the convenience of the students a music store is conducted in connection with the Conservatory.

An illustrated catalog giving full information, will be mailed to any address.

Any desired information will be cheerfully given to all who address the Director,

HERMANN H. KAEUPER,
Decatur, Illinois.

THE ACADEMY

Albert R. Taylor, Ph.D., LL.D., President.

James D. Rogers, Ph.D., Dean of the College.

Benjamin B. James, A.M., Principal.

The instruction of the Academy is largely given by the assistant professors and instructors named in the full faculty list. An effort is made in all these preparatory classes to give a thorough and comprehensive foundation for entrance upon regular college work, and upon life duties for those students not wishing to pursue their education farther. To these ends several courses are offered, with a reasonable number of electives.

The following is a brief outline of the courses:

(1). Preparing the student for entrance to the Decatur College or to the other leading colleges and universities of the United States.

(2). Preparing students for entrance to the special and technical departments of this or other universities and

(3). Fitting students who do not desire to take more advanced work in the colleges, for certain trades and for business life.

Conditions of Admission

Graduates of the rural schools and of the grades in city and village schools are admitted to the classes in the Academy without examination. Candidates coming from other schools of like kind should present letters showing that they are in good standing in the schools from which they come.

Candidates for advanced standing will be expected to present satisfactory evidence of the completion of the antecedent branches in reputable schools, or pass an examination in them.

Courses Offered

The courses offered admit to the schools with corresponding designation, though graduates from the courses designated as Academy I. will admit to any school in the College, and from Academy II. to any of the technical schools.

Graduation from the Academy in these courses requires the completion of four (4) years' work of two semesters each, sixteen (16) hours per week. This work may be selected from the courses outlined, but must include a total of 132 points (a point being one hour per week for one semester). Elective work may include manual training, drawing, domestic economy, music or business courses, not in excess of eighteen (18) points. Work in these departments counts as in the laboratories—(1) hour of credit being given for two (2) hours of work, except in music. Not less than two years' work in a foreign language will be recognized.

These courses are given by members of the College faculty and their assistants, and are as complete as those offered in any other preparatory school. The accompanying topical outline will give an idea of the subjects embraced and the methods pursued.

ACADEMY I.—PREPARATORY TO SCHOOL OF LIBERAL ARTS

Required:

Latin	18 points
Greek, German, French or Latin	16 points
Mathematics (exclusive of Arithmetic)	20 points
English	30 points
Chemistry or Physics	8 points
Biology	8 points
History	8 points
Collaterals	4 points
Elective	20 points
Total	132 points

First Year—

	Hours	Points		Program
English, A. B.		5.5	**5**	T. W. Th. F. S.
Latin, A. B.		5.5	**2**	T. W. Th. F. S.
History, A. B.		4.4	**6**	T. W. Th. F.
Elective		2.2		

Second Year—				
English, C. D.		5.5	1	T. W. Th. F. S.
Latin, C. D.		5.5	2	T. W. Th. F. S.
Algebra, C. D.		5.5	4	T. W. Th. F. S.
Elective		3.3		
Third Year—				
Latin, E. F., or		5.5	4	T. W. Th. F. S.
Greek, A. B., or		5.5	3	T. W. Th. F. S.
German, A. B., or		4.4	2	W. Th. F. S.
French, A. B		4.4	5	W. Th. F. S.
Geometry, E. F.		5.5	1	or
			3	T. W. Th. F. S.
Physics, A. B.	(7) (7)	5.5	5	T. W. Th. F. S.
			and 6	T. Th.
Elective		2.2		
Fourth Year—				
Latin, G. H., or		5.5	5	T. W. Th. F. S.
Greek, C. D., or		5.5	6	T. W. Th. F. S.
German, C. D., or		4.4	1	T. W. F. S.
French, C. D.		4.4	3	T. W. Th. F.
U. S. History, E.		4.0	3	W. Th. F. S.
Civil Government, F.		0.4	3	W. Th. F. S.
Biology, C. D.	(6) (6)	4.4	2	T. W. Th. F.
			and 1	W. F. or 1 and 2 S.
English, G. H.		5.5	3	or
			4	T. W. Th. F. S.
Elective		3.3		
Other Electives—				
Greek, E. F.		5.5		
Elementary Pedagogy		4.4	2	T. W. Th. F.
Modern History, C. D.		4.4	4	W. Th. F. S.
Public Speaking, 1, 2		1.1	1	S.
Vocal Expression, B.	(0) (2)	0.2	6	T. Th.
Algebra, G.		5.0	5	T. W. Th. F. S.
English, E. F.		5.5	3	T. W. Th. F. S.
Adv. Arith.		0.5	2	T. W. Th. F. S.

Fine Arts, Applied Arts, Domestic Economy, Bible Study, etc.

English

The object of the course in English is to give training in clear and correct expression to give a knowledge of the main facts in English Literature to develop a taste for good reading, and to enable the student to meet the uniform entrance requirements in English.

First Year (Required)

1. Composition.
Themes. Emphasis on mechanical form, sentence and paragraph structure Elementary outlining. Letter writing.

2. Herrick and Damon's Composition Rhetoric.

3. Grammar Review.

4. Classics.
1. Lowell: "The Vision of Sir Launfal".
   Irving: "The Sketch Book".
2. Coleridge: "The Rime of the Ancient Mariner".
   Eliot: "Silas Marner".
3. Iliad: (Omitting books XI, XIII, XIV, XV, XVII, XXI).
4. Shakespeare: "Merchant of Venice".

5. Supplementary Reading.
1. Longfellow: "Courtship of Miles Standish."
   Whittier: "Snowbound".
   Bryant: Short poems.
   Holmes: Short poems.
   Poe: "The Raven"; "The Fall of the House of Usher", and other tales.
   Hawthorne: "The Great Stone Face", and other tales.
   Franklin: "Autobiography".
2. Macaulay: "Lays of Ancient Rome".
   Dickens: "Christmas Carol"; "The Chimes"; "Cricket on the Hearth".
   Stevenson: "Treasure Island".
   Ruskin: "The King of the Golden River".
3. Homer: Odyssey—Selections. Myths.

Second Year (Required)

1. Composition.
Themes. Attention to effectiveness of arrangement and expression. Study of the sentence, the paragraph, and the whole composition. Elementary outlining.

2. Herrick and Damon's Composition Rhetoric.

3. Classics.
1. Tennyson: "Gareth and Lynette"; "Lancelot and Elaine"; "The Passing of Arthur".
   Scott: "Ivanhoe".
2. Addison: "Sir Roger de Coverly".
3. Shakespeare: "Julius Caesar"; "As You Like It".

4. Supplementary Reading.
1. Myths—Old ballads and old legends.
   Scott: "The Lady of the Lake".
   Byron: "The Prisoner of Chillon".
2. Swift: "Gulliver's Travels".
   Goldsmith: "Vicar of Wakefield."
   De Foe: "Robinson Crusoe".
   Gray: "Elegy in a Country Churchyard".
   Goldsmith: "Deserted Village".
3. Shakespeare: "Midsummer Night's Dream".

Third Year

1. Composition.

Themes. Study of the four forms of discourse: narration, description, exposition, argument.

2. Herrick and Damon's Composition Rhetoric.

3. Classics.
Shakespeare: "Twelfth Night".
Thackeray: "Henry Esmond".
Dickens: "Tale of Two Cities".
Hawthorne: "House of Seven Gables".
Palgrave: "Golden Treasury".
Shakespeare: "Much Ado About Nothing".
Thackeray: "The Virginians".
Dickens: "David Copperfield", "Pickwick Papers".
Hawthorne: "The Scarlet Letter".

Fourth Year (Required)

1. Composition. Themes.

2. Grammar Review.

3. Halleck's "History of English Literature".

4. Classics.
1. Shakespeare: "Macbeth".
2. Milton: "Minor Poems".
3. Carlyle: "Essay on Burns".
4. Washington: "Farewell Address".
   Webster: "First Bunker Hill Oration".

5. Supplementary Reading.
1. Shakespeare: "The Tempest".
2. Gayley: Classic Myths.
   Bunyan: "Pilgrim's Progress".
3. Burns: "Cotter's Saturday Night", and other poems.
   Macaulay: "Essay on Johnson".
   Stevenson: "Inland Voyage"; "Travels with a Donkey".
4. Lincoln: "Gettysburg Speech", First and Second Inaugural Addresses.

Ancient Languages

A thorough training in the common forms of the Greek and Latin grammars is given. Exercises in grammar and composition supplement the reading of these early years. The classics have high value for purposes of general culture.

Latin

A, B.—Latin Lessons and select reading.

C, D.—Caesar; Gallic War, books I-IV. Ovid.

E, F.—Cicero, six orations; Sallust's Catiline. Composition daily.

G, H.—Virgil's Aeneid, books I-VI. Composition.

Greek

A, B.—Greek Lessons and select readings.
C, D.—Anabasis, books I-IV. Composition.
E.—Iliad, books I-III. Composition.
F.—Memorabilia, books I, II. Composition.

Modern Languages

The Academy courses in Modern Languages aim to give (1) ability to read easy French or German at sight. (2) a fairly considerable vocabulary of common words and phrases, (3) mastery of the fundamentals of grammar, (4) a thoro practical grounding in elementary conversation and composition.

Courses A-B and C-D cover the required Academy work in either language and are together equivalent to the first year College course, 1-2. Fourth-year Academy students desiring to complete the required Academy work in one year, may, by special permission, substitute the College course for Academy work, with a total of ten points credit instead of sixteen.

A single semester's work in beginning foreign language cannot be counted as points toward Academy graduation or College entrance until a full year's work is completed.

German

A, B. Beginning German.—Reading, conversation, composition and grammar based on reading. 4 points. 2 W. Th. F. S.

C, D. Second Year German.—Reading of complete narrative and dramatic selections. Systematic review of grammar. Composition and conversation based on reading. 4 points. 1 T. W. Th. F.

3, 4. Introduction to German Literature.—See College German 3, 4. Open as an elective to fourth year students who have creditably completed course A-B and C-D and expect to elect German in their College course. 4 points. 7 T. W. Th. F.

French

A, B. Beginning French.—Grammar, composition and conversation. Reading of elementary texts. 4 points. 5 T. W. Th. F.

C, D. Intermediate French.—Reading of complete narrative and dramatic selections. Systematic review of grammar. Composition and conversation based on reading. 4 points. 3 T. W. Th. F.

3, 4. Introduction to French Literature.—See College course 3-4. Open as an elective to Academy students who have creditably completed courses A-B and C-D and who expect to elect French in their college course.

Mathematics

The value of mathematics, both as a means of training in exact reasoning and as furnishing a foundation for other sciences, pure and applied, has long been recognized by educators. The Academic course embraces the elements of algebra and geometry. two main, distinct lines of mathematical investigation. Both of these lines of mathematical thought have an immediate and important bearing on the special industrial, technical, and engineering courses, in addition to their introductory relation to the higher mathematics.

A, B. Arithmetic.—The first semester will be a mixture of arithmetic and elementary algebra and geometry of a very concrete form. The second semester will be a course in advanced arithmetic, including commercial arithmetic.

C, D. Algebra.—A first course, including quadratic equations. One year. Required of all students.

E, F. Geometry.—A course covering the usual theorems in plane and solid geometry. One year. Required of all students.

G, H. Algebra.—This is a course in quadratics, ratio, proportion, advanced equations, logarithms, etc., and a review course in the reduction of complicated radicals, fractions, factoring, etc.

History and Government

A. Ancient History.—A general view of the Oriental peoples and of the Greeks. Map drawing is a feature of the year's work. 6 T. W. Th. F.

B. Ancient History.—A general history of Rome to the year 800, with special emphasis on the political institutions of the Romans. 6 T. W. Th. F.

C. The Middle Ages.—The dark ages and the age of revival, with especial attention to the influence of the Christian Church. 4 W. Th. F. S.

D. Modern European History.—The study begins with 1492 and includes the era of the Reformation, the era of political revolutions and the establishment of modern nations. 4 W. Th. F. S.

E. History of the United States.—A careful review of the essentials, for students who are planning to apply for certificates to teach and for students who cannot plan to get American history in college. Map drawing is a special feature. 3 W. Th. F. S.

F, 1. Civil Government of the United States.—An elementary study of the Constitution, with special purpose to develop patriotism and respect for our national institutions. 3 W. Th. F. S.

F, 2. Civil Government of Illinois.—To impart a knowledge of our political institutions, a study is made of the spirit of our government, its form, and its services. A visit to the Court House of Macon County and the County Jail is one of the means to this end. 3 W. Th. F. S.

Physics

The course in academic physics is primarily to impart as definite knowledge as possible of the more common laws governing the physical world and, incidentally, to cultivate habits of observation and accurate thought. Physics is usually the first in point of time and is always the most important experimental science taught in our schools. While it is not required for entrance to college in all courses, a broad culture is impossible without it.

A. and B.—Three recitations and four laboratory hours per week, five credits. Text-books: Henry Crew, "A Text-book of Physics"; Nichols, Smith and Turton, "A Manual of Experimental Physics."

This course deals with the general laws of mechanics, sound, light, heat, magnetism, and electricity with the object of teaching that the various phenomena follow definite laws, and of showing how closely and extensively physics is connected with our every-day life. 5 T. W. Th. F. S., 6 T. Th.

Chemistry

Courses 1 and 2 (or 3 and 4), Freshman (College) Chemistry, are open to regular fourth year Academy students who have had Academy Physics with laboratory work for one year.

Biology

The course in general biology is introductory to the more special courses in zoology and botany given in the College. It will include lectures, text-book, laboratory and field work. None of the laboratory sciences furnishes a better training in observation, experimentation, and recording of results than biology. The study of living things and their relations to each other and to their physical surroundings brings the student to consider some of the most interesting problems which nature presents to us. The practical value of biology is especially apparent in domestic science, in horticulture and agriculture, in medicine, and the like. The extent to which nature study is being introduced into the elementary schools gives an additional value to this course for prospective teachers.

A. The Elements of Physiography.—Second year of Academy, first semester. 4. 4 T. W. Th. F.

B. The Elements of Human Anatomy and Physiology.—Second semester. 4. 4 T. W. Th. F.

C. General Biology.—4. 1 W. F., or 1 & 2 S., and 2 T. W. Th. F.

D. General Biology.—4.

Courses C and D are not eligible separately.

Biblical History and Literature

The courses are all elective. They are necessarily more elementary than the College courses and are intended to be introductory to the latter. They are conducted along similar lines and aim to give the student a fairly thoro and systematic knowledge of the whole Bible.

A. Introduction to the English Bible.—What the Bible is; how we got our Bible; story of the Canon and Apocrypha; history of the English Bible; its literary character and importance; geography and peoples of Bible lands. Lectures and text-book: Smyth, "How We Got Our Bible." First and second years. 1 point. 3 S.

B. Bible Heroes.—A biographical study of the leading characters of Biblical History and Literature. First and second years. 1 point. 3 S.

C, D. Bible Manners and Customs.—A study of the social, political and religious life of the Hebrews in the light of the manners and customs of modern Palestine. Text-book: Rice, "Orientalisms in Bible Lands," Second and third years. 1 point. 2 S.

E, F. History of Israel to the Exile.—The forerunners of the Semites; the origin of the Semites and their settlements; the social, political and religious history of the Hebrews through the stages of nomadic origin, settlement in Canaan, monarchy and dissolution of the state. Text-book: Kent, "History of the Hebrew People." Fourth year. 2. 4 W. F.

Elementary Pedagogy

This course is designed to be of assistance to those who find it necessary to teach in the elementary schools before finishing the regular teachers' course. It is of senior academic grade and will be credited toward graduation from the Academy.

See courses 1, 1a and 2 under School of Pedagogy.

ACADEMY II.—PREPARATORY TO SCIENTIFIC ENGINEERING AND OTHER TECHNICAL COURSES

The following course prepares for the collegiate Scientific Engineering and other technical courses. See the electives named in the note below.

First Year—					
English, A. B.			5.5	5	T. W. Th. F. S.
Algebra, C. D., or			5.5	4	T. W. Th. F. S.
Arithmetic, A. B.			5.5	2	T. W. Th. F. S.
History, A. B.			4.4	6	T. W. Th. F.
Elective			2.2		
Second Year—					
English, C. D.			5.5	1	T. W. Th. F. S.
Geometry, E. F., or			5.5	3	T. W. Th. F. S.
Algebra, C. D.			5.5	4	T. W. Th. F. S.
Physiography and Physiology			4.4	4	T. W. Th. F.
Fine Arts, A. B.	(4)	(4)	2.2	3, 4	T. Th.
Third Year—					
German, A. B., or			4.4	2	W. Th. F. S.
French, A. B.			4.4	5	W. Th. F. S.
Geometry, E. F.			5.5	3 1	or T. W. Th. F. S.
Physics, A. B.	(7)	(7)	5.5	5 and 6	T. W. Th. F. S. T. Th.
Manual Training, A. B., or	(4)	(4)	2.2	1	& 2 T. Th.
Applied Arts, C. D.	(4)	(4)	2.2	1 or 7, 8	& 2 W. F. T. Th.
Algebra, G.			5.0	5	T. W. Th. F. S.
Advanced Arithmetic			0.5	5	T. W. Th. F. S.
Fourth Year—					
German, C. D., or			4.4	1	T. W. F. S.
French, C. D.			4.4	3	T. W. Th. F.
English, G. H.			5.5	3 4	or T. W. Th. F. S.
History, E.			4.0	3	W. Th. F. S.
Civil Government, F.			0.4	3	W. Th. F. S.
Manual Training, C. D.	(4)	(4)	2.2	1 or 6, 7	& 2 W. F. T. Th.
Applied Arts, E. F.	(4)	(4)	2.2	7	& 8 T. Th.

Other Electives—

Elementary Pedagogy....			4.4	2 T. W. Th. F.
Public Speaking, 1, 2....			1.1	1 S.
Vocal Expression, B.....	(0)	(2)	0.2	6 T. Th.

Domestic Economy, Bookkeeping, Stenography and Typewriting, Bible Study.

Students anticipating Engineering, Domestic Economy, and other technical courses may substitute from these electives for Manual Training and Applied Arts. At least two years' work in one foreign language is required for graduation.

Manual Training

This course is open as an elective to all students in the Academy. Both the technical and educational elements are emphasized so that the course is equally valuable as a preparation for the study of engineering or as part of a general education. For the full four-year course for graduation in the Academy see summary above.

First Year A. B. Manual Training.—Joinery, 2 points. Manual Training, B. Wood-turning, 2.

Second Year C. D. Manual Training.—Pattern-making and Moulding, 4.

Third Year E. F. Manual Training.—Forging, 4.

Fourth Year G. H. Manual Training.—Machine-shop work, 4.

ACADEMY III.—COURSES IN DOMESTIC SCIENCE AND DOMESTIC ART

These courses are designed to meet the needs of those who may be unable to take the regular College work in domestic economy. It is arranged on the plan of the best high school courses which give a practical working knowledge of the fundamentals in the hand work of cooking and sewing. Those students who anticipate taking the professional work in domestic economy need this elementary work as a preparation for it. Those who are taking the regular literary course in the Academy will find these electives attractive and instructive.

The following program indicates the periods when these subjects are offered and the hours and points allowed.

Third Year—

Domestic Science, E. F.	(4)	(4)	2.2	5, 6 W. F.

Fourth Year—

Domestic Art, G. H.....	(4)	(4)	2.2	5, 6 T. Th.

Domestic Science

E, F. Food and Its Preparation.—Classes and suitable methods of cooking. Planning and serving of simple meals. Two semesters. 2 points each. 5, 6 W. F.

Domestic Art

G, H. Elementary Sewing.—A study of the simpler stitches and their application, cutting and making of underwear, waists, dresses, etc. Two double periods per semester. 5, 6 T. Th. Two semesters. 2 points each.

Candidates for graduation in the Academy who may wish to include the domestic economy subjects in their courses and receive designation of the fact in their certificates, will be expected to complete the courses as summarized below:

First Year—

English, A. B...........			5.5	5 T. W. Th. F. S.
Fine Arts, A. B.........	(4)	(4)	2.2	3 & 4 T. Th.
Ancient History, A. B...			4.4	6 T. W. Th. F.
Elective			5.5	
Collaterals				

Second Year—

English, C. D...........			5.5	1 T. W. Th. F. S.
Algebra, C. D...........			5.5	4 T. W. Th. F. S.
Fine Arts, C. D.........	(4)	(4)	2.2	3 & 4 W. F.
Elective			4.4	
Collaterals				

Third Year—

English, G. H...........			5.5	4 T. W. Th. F. S.
Geometry, E. F..........			5.5	3 T. W. Th. F. S.
Physics, A. B...........	(6)	(6)	5.5	5 T. W. Th. F. S. and 6 T. Th.
Domestic Science, E. F...	(4)	(4)	2.2	5, 6 W. F.
Collaterals				

Fourth Year—

German, A. B., or......			4.4	2 W. Th. F. S.
French, A. B., or.......			4.4	5 W. Th. F. S.
Biology, C. D...........	(6)	(6)	4.4	2 T. W. Th. F. and 1 W. F.
Domestic Art, G. H.....	(4)	(4)	2.2	5 & 6 T. Th.
Elective			2.2	
Collaterals				

ACADEMY IV.—PREPARATORY TO THE SCHOOL OF FINE AND APPLIED ARTS

The purpose of the preparatory courses is to give a thorough technical preparation for the advanced work of the College, and may be counted as an elective in all Academy courses, two hours' work being counted as one point. Drawing completed in a high school of good standing is accepted as a partial equivalent. Fine Arts courses A. B. C. D. may be substituted for eight points of Academy mathematics on approval of the President.

The following program indicates the periods when these subjects are offered and the hours and points allowed:

	Hours		Points	
Fine Arts, A. B.........	(4)	(4)	2.2	3 & 4 T. Th.
Applied Arts, C. D......	(4)	(4)	2.2	1, 2, 3, 4 M.
Applied Arts, A. B......	(4)	(4)	2.2	5, 6, 7, 8 M.
Fine Arts, C. D.........	(4)	(4)	2.2	1, 6, 7, 8 M.

Fine Arts

First Year.—First semester, Fine Arts A. Elementary Freehand Drawing, 2; second semester, Fine Arts B. Light and Shade, 2.

Second Year.—First and second semester, Fine Arts C, D, Clay Modeling, 4.

A. Elementary Freehand Drawing.—Elementary training in pencil drawing from groups of still life and geometric solids, simple perspective, and elementary color. First semester. (4). 2.

B. Light and Shade.—This course offers full values in pencil, pen and ink, charcoal and monochrome from still life and casts; details of animal forms, pose sketching; introduction of water color sketching and sketching from nature. Prerequisite, Fine Arts A or its equivalent. Second semester. (4). 2.

C, D. Clay Modeling, Casting and Designing.—This course is designed to give a definite conception of form, useful in painting and designing. Modeling from the cast and photograph, plants, historic ornament and casting from chip and piece moulds. Prerequisite, Fine Arts B or its equivalent. Two semesters. (4). 4.

Applied Arts

First Year.—First semester. Fine Arts A, Elementary Freehand Drawing, 2; second semester, Fine Arts B. Light and Shade, 2.

Second Year.—First and second semester, Projections and Working Drawings, 4.

A, B. Projections and Working Drawings.—A course embracing the principles of projections and working drawings, introducing mechanical drawing. (4). 4.

C, D. Mechanical Drawing.—A course in mechanical drawing, introducing principles of machine construction, intersections of solids, details and tracings. Prerequisite. A.A.C.D. (4). 4.

ACADEMY V.—PREPARATORY COURSE IN COMMERCE AND FINANCE, AND ELECTIVE BUSINESS COURSES

These courses are arranged on the plan of the best commercial high schools and have in view two classes of students, those who desire the best preparation for college work in commerce and finance, and those who desire the high school training in commercial subjects preparatory to entering business employment immediately. The former class do well to lay a broad foundation for future studies and defer certain subjects more completely treated in college, the latter should gain such knowledge of economic principles and the foundations of industrial welfare as is possible in the time at command. The choice of electives indicated below provides for this differentiation, and also for the needs of those who must still further limit their time of preparation for business and devote their efforts to a few practical subjects, such as penmanship, correspondence, shorthand, typewriting and bookkeeping.

Many students have found these courses suited to their need and, with the assistance which the faculty is always glad to give, have secured excellent positions. Capable and worthy young men and women are always in demand.

First Year—			
English, A. B..........		5.5	5 T. W. Th. F. S
Algebra, C. D...........		5,5	4 T. W. Th. F. S
History, A. B...........		4.4	6 T. W. Th. F.
Penmanship, A.	(5)	3.0	1 T. W. Th. F. S
Correspondence, B.	(5)	0.3	1 T. W. Th. F. S
Second Year—			
English, C. D...........		5.5	1 T. W. Th. F. S
Arithmetic, A. B........		5.5	3 T. W. Th. F. S
Physiography, Physiology		4.4	4 T. W. Th. F.
Bookkeeping, A. B.......		5.5	2 T. W. Th. F. S
Third Year—			
Accounting, Office Practice, C. D............		4.4	3 T. W. Th. F.
Materials of Commerce, A. B.................		3.3	2 W. F. S
Electives, from the following		10.10	
Stenography, A. B.....	(5) (5)	3.3	6 T. W. Th. F. S
Typewriting, A. B.....	(5) (5)	3.3	5 T. W. Th. F. S
Physics, A. B.........	(7) (7)	5.5	5 T. W. Th. F. S and 6 T. Th.
German, A. B...........		4.4	2 W. Th. F. S.
French, A. B...........		4.4	5 W. Th. F. S.
Spanish, A. B...........		4.4	1 T. W. Th. F.
Fourth Year—			
English, G. H...........		5.5	4 T. W. Th. F. S
History, E. F...........		4.4	3 W. Th. F. S.
Electives, from the following		8.8	
Economics and Banking, E. F.		3.3	3 T. Th. S.
History of Commerce, C. D.		2.2	6 T. Th.
Introduction to Commerce, E. F.		3.3	6 W. F. S.
Biology, C. D.........	(6) (6)	4.4	2 T. W. Th. F. and 1 W. F.
Geometry, E. F.........		5.5	3 or 1 T. W. Th. F. S
German, C. D...........		4.4	1 T. W. Th. F.
French, C. D............		4.4	3 T. W. Th. F.
Spanish, C. D...........		4.4	
History, C. D...........		4.4	4 W. Th. F. S.

Stenography.—(Gregg's Revised.)—Completion of Manual, business correspondence, law correspondence, lecture reporting, court reporting.

Penmanship.—Plain business writing and its application.

Typewriting.—The course in typewriting consists of ten hours work per week, five hours in class under direction of the instructor and five in practice work. The touch system of typewriting is taught. The work includes instruction in the mechanism of the typewriter, cleaning, oiling, and repairing of same, a thorough mastery of the keyboard and correct fingering, word drills, sentence writing, lessons in punctuation, spelling, business forms, legal forms, addressing envelopes, folding letters, tabulating, manifolding, etc.

Physical Training

First Year.—Exercises that will induce vitality, strength and the harmonious growth of the muscles; individual exercises to correct faulty positions of the body. Chiefly free work. Elementary work with apparatus.

Second Year.—Theory and practice of Free Gymnastics. Advanced work with apparatus.

Two years' work is required of all students.

GENERAL INFORMATION

The beautiful buildings erected and equipped at a cost of nearly five hundred thousand dollars make a most delightful and wholesome home for all kinds of college work. They include the Liberal Arts Hall, the Engineering Hall, the Domestic Economy Hall, the Assembly Hall, the Machine Shops, the Gymnasium, the Conservatory of Music, and Aston Hall, and are constructed not only with a view to facilitate investigation and instruction in the different subjects, but also to insure the most satisfactory hygienic conditions possible. Every room in the several buildings is as well lighted, heated and ventilated as modern science can devise, and no pains have been spared to provide the comforts and conveniences that student life in these days demands.

The total frontage of the first three buildings named is four hundred and forty feet. The handsome Assembly Hall in the rear is about eighty feet square and will seat a thousand people. The Power House and Machine Shop north of the Assembly Hall is two hundred feet long and accommodates the foundry, forges, heavy machinery, engines, dynamos, etc. Their equipment includes apparatus and machinery of the latest and most approved models, which will be regularly supplemented with additions as the work of the growing departments demands.

NEW BUILDINGS

The two new buildings—a Gymnasium and a Conservatory of Music—just completed, give added beauty to the whole group and greatly increase the conveniences and facilities of all of the departments in the institution, as they release about thirty rooms in the first group which can be assigned where most needed.

The gymnasium is located between Aston Hall and the athletic field, facing West William street. It is 100 x 55 feet in the clear, with additions on the front for offices, examination and trophy rooms and on the rear for storage rooms in first and second stories. The basement floor contains ample bath and locker rooms for both sexes on either side of a handsome ball cage 30 x 70 feet. The gymnasium proper is probably the largest in the Mississippi Valley belonging to colleges of this rank. The running track is equally attractive. Great care has been taken to make the building thoroughly up-to-date in every particular and its equipment is in keeping with its general appointments.

The Conservatory of Music building is ideally located a short distance west of the main group of buildings. Its front elevation, seen elsewhere, shows the same general design already followed in the other buildings on the campus. It is 160 x 45 feet and fronts West Main street. The best points in the latest and best music buildings in this country and abroad are incorporated in its construction. Every effort has been made to avoid their defects and it is confidently believed that it more nearly affords ideal conditions for study and instruction in music than any one of them.

In addition to a large number of practice and private teaching rooms, the building contains several fine class and lecture rooms, a library and reading room, waiting rooms, offices, locker rooms, etc. The recital hall, off the main floor, will prove a popular center for musical rehearsals and general lectures.

ASTON HALL FOR WOMEN

Is located on the beautiful knoll northeast of the Domestic Economy building. The spot is ideal. It is in the midst of a quiet grove and yet but a few steps from the College buildings proper on the west and from the avenue on the east, with scarce a hundred paces to the interurban and city railway lines on the south. It is 48 x 116 feet, five stories high including basement and attic floors. The basement accommodates the dining rooms, kitchen, storage, laundry and other necessary adjuncts. The first floor provides handsome parlors, office, matrons' rooms, and eight students' rooms; the second and third floors, a dozen students' rooms each; the attic floor, eight rooms for students and the necessary help. Each floor is provided with ample lavatory and bath rooms and each student's room with generous individual closet room.

The building is thoroughly well lighted and ventilated, heated by steam, and modern in every particular; in fact, it is in perfect keeping with the high character of the other buildings on the campus.

The culinary departments are most gratifying to every housekeeper who has studied sanitation, convenience and economy in the arrangement of this important part of a modern home. The whole building is tastefully and appropriately furnished and neither pains nor expense has been spared to make this college home for the young women attractive, healthful, cheery, restful.

Full particulars concerning rooms, meals, etc., will be mailed on application.

THE LIBRARY

The library is growing rapidly and is being made first-class in every respect. It occupies a handsome suite of rooms in a central location and is one of the leading features of the institution. Students have access to the fine city library, which is proving of great value to them in many lines of work.

GENERAL EQUIPMENT

The manual training classes occupy five rooms in the basement of the Engineering and Liberal Arts Halls, in addition to the forge and foundry rooms in the Machine Shops. These rooms are well lighted and ventilated and equipped with twenty-four Reed speed lathes, one Oliver saw and trimmer, one Fay-Egan jig saw, twenty-four Chandler and Barber work benches, large size, and a full equipment of necessary tools for all of them. The forge room is fitted up with eighteen Buffalo forges, down draft, and tools in good variety. The drills, lathes, shapers, planers, etc., in the machine room make ample provision for class needs. The foundry and pattern shops are equipped with the best machinery the market affords.

The three departments of mechanical, electrical, and civil engineering are provided with apparatus, machinery, testing machines, etc., in generous measures.

The domestic science and domestic art departments occupy ten fine rooms in the Domestic Economy building. Few schools of a similar character are more elegantly provided with tables, cases, desks, machines and household utensils in general. These rooms have been thronged with enthusiastic classes from the day of opening.

The Conservatory of Music will enter its new building with the opening of the new year in September. See page 39 for description.

The fine and applied art classes are most comfortably housed in seven rooms happily adapted to their needs on the third floor of the Liberal Arts building and one each in the basement, and on the second floor in the Domestic Economy building. Everything needed in the way of tables, models, casts, kilns, studies, etc., is provided for the department.

The biological and physical departments are located on the second floor of the Liberal Arts building, with a dozen up-to-date and well equipped rooms. The chemical laboratories and lecture rooms, six in number, occupy the entire third floor of the Engineering building. All of the laboratories are models of convenience for both classes and individual work.

The new gymnasium is well equipped with a full line of apparatus for light and heavy gymnastic exercises. Practically all of it is new and of the latest and most approved design.

Other departments are correspondingly well provided with accommodations and facilities for their work, which only a visit to the buildings will enable one to appreciate fully.

Many of them will have enlarged quarters, as the departments going into the new buildings will release about thirty rooms which they now occupy.

THE CAMPUS

The campus embraces about thirty-five acres, located three-fourths of a mile west of the central transfer station and is easily accessible from all parts of the city by the electric street railway. It adjoins Fairview Park on the southeast, one of the attractive natural parks of the state, and has always been admired for its fine grove of forest trees. In addition to the lawn tennis, basket ball and other small courts among the great trees for outdoor games, a fine athletic field on the north side of the campus affords ample opportunity for exercise in the more vigorous sports. There is no lack of provision for healthy fresh-air sports and games. They wisely supplement the work of the regular gymnasium classes.

THE CITY OF DECATUR

Is located on the Sangamon river in one of the most fertile and healthful regions in the state of Illinois. Being high above the river, its sewerage is perfect. It contains a population of nearly 35,000, and is noted for its beautiful homes, its handsome churches and eloquent pulpits, its well paved and well shaded streets and avenues, its finely equipped electric railway, its commodious hotels, its enterprising and public-spirited citizens, its progressive daily press, its healthy educational sentiment and the hospitality of its firesides. It is reached in a few hours' ride from any part of the state. Railways and interurbans combined enter it from sixteen different directions, with over eighty passenger trains per day. It is but little over four hours' ride from Chicago, and scarcely three from St. Louis. In many ways it is an ideal place for an institution of learning.

COMMUTATION TICKETS

At a very low rate are sold on railway lines entering Decatur, thus making it possible for students in neighboring towns to board at home and attend part or all the classes at small expense. The interurbans add greatly to these fine facilities for reaching and leaving the city.

FEES

The fees are much lower than usually charged at institutions of a similar character, furnishing similar facilities and maintaining similar standards. The fee in the Academy and College is $37.50 per semester, payable at the beginning of each semester. The fee for less than a semester is $2.25 per week.

A small laboratory fee of $2 per semester is charged for each subject in which students are taking laboratory practice, except chemistry; the fee in it is $3. These about cover the cost of material used. A breakage deposit of $2 is required of each student in chemistry, any unused portion of which is returned. Typewriters are rented to students for class and practice at the laboratory fee, $2 per semester. The gymnasium fee is $1 per semester, including locker.

Subsequent to registration days, a registration fee of $1.00 is charged.

Changes in schedule made after ten days are allowed only on permission of the office or Instructor concerned and the payment of $1.00. Special examination fee for work done in absentia, $5.

Tuition fees will be refunded only in case of protracted sickness, though any unused portion for any other reasons may be credited on a future semester at the discretion of the President.

Laboratory fees will not be refunded for any reason.

See page 43 for Conservatory of Music fees.

A FEW SCHOLARSHIPS

In the College and Academy are offered deserving students who may wish to earn their fees by work in the buildings or on the grounds under the direction of the heads of the departments. A goodly number are availing themselves of them each year.

FELLOWSHIPS

A few fellowships are awarded to graduate students. Particulars furnished on application.

EXPENSES

Students are assured that the rates for rooms and board are as low as anywhere else for corresponding accommodations. They can locate in private families or in clubs.

The following estimates will be found approximately correct, the difference depending upon the kind of accommodation, proximity to the University and quality of meals. Four weeks constitute a month; unfurnished rooms per student per month $1.50 to $2.00; furnished rooms per student per month $3.00 to $4.00; meals per student per month $14.00 to $16.00. Students can board themselves at greatly reduced rates.

Text-books and class and laboratory supplies are offered to students at the University supply store at a slight advance above wholesale rates and an earnest effort is made to keep the students' expenses in every direction as low as possible. Many young men and women are deterred from attending the larger institutions of learning and those offering similar facilities by the heavy expenses incident to the same, and it is the determination of the management at Decatur to make it possible for all classes of students to take advantage of the opportunities offered in every department of this institution.

If a number of students should come from one locality it may be found desirable to form a little colony, and by combining interests, reduce expenses considerably. It will always be the pleasure of the office to assist students in securing pleasant locations. Parents contemplating moving to Decatur for the purpose of educating their children are cordially invited to write for such information as they may need to secure satisfactory employment,

A few students will be able to secure places in the city where they can earn a part or all of their living expenses. Worthy young men and women will be given such assistance as they may need with reference to the purchase or rental of homes.

STUDENT ORGANIZATIONS

Several literary, scientific, musical and other organizations offer collateral work and pleasing recreation in variety. The two literary societies, the Orlandian and the Philomathean, occupy comfortable and handsomely furnished rooms on the third floor of the Liberal Arts building. The Athletic Association prides itself on the records it has made and is always planning for larger things.

The Students' Council, composed of the presidents of the college and senior preparatory classes and several other college organizations, stimulates student activities and endeavors to arouse interest in student enterprises in general.

The Young Women's Christian Association has charming headquarters in a suite of rooms on the second floor in the Domestic Economy building, and the Young Men's Association occupies an attractive room in the Liberal Arts building. Both associations have a growing and enthusiastic membership. They offer fine opportunities for religious instruction and Christian activity. Their meetings are held during the last period on Thursday forenoon of each week.

There are several fraternities and sororities, with faculty patrons, which are helpful factors in cultivating the social life and stimulating the scholarship of their members.

No student organization shall be formed without the approval of the Council.

ENTERTAINMENT COURSE

A first-class course of entertainments is offered the students each year at nominal cost, made up of the best talent available on the American platform. In addition, lectures, music recitals, etc., by the University faculty and the advanced students contribute greatly to the helpfulness and inspiration of college life.

The following attractions made up the course for the past year: E. J. Banks, Ancient Babylon and Ancient Egypt; Strickland Gillilan, Humorist; The Coburn Players, Taming of the Shrew; Alfred H. Bergen; and Edward Ott.

In addition, the Minneapolis Symphony Orchestra appeared in the May Music Festival and several other noted artists made up a fine musical program for the year.

CHURCH SERVICES, BIBLE STUDY

The various churches of the city make the students most welcome to all church and Sunday school services and social functions. Students are expected to attend church at least once on the Sabbath and are urged to join Sunday school classes as regular attendants.

A systematic course in Bible study is offered to all students. It embraces Bible history, an outline study of the Old and New Testaments, a study of Bible lands, a literary study of the Bible, a general survey of Biblical doctrines, a history of the early church, Christian evidences, Christian art, organization and methods in Sunday school work, etc. See pages 18, 48.

In many of the Sunday schools in the city classes composed almost exclusively of college students are taught by members of the college faculty. Some of them follow the regular international lesson courses; others pursue special courses.

TEACHERS' TRAINING CLASSES

Attention is called to the courses offered in psychology, child study and general pedagogy as well as to the special courses designed to train teachers for positions in secondary schools and colleges. There is a growing demand for thoroughly trained teachers in every department of learning, particularly in the pure and applied sciences, and every encouragement is given to young men and women who intend following the teaching profession to fit themselves properly for it. See particularly the pedagogical courses offered in manual training, in the fine and applied arts, in domestic art and science, in languages, in music, etc., etc.

The University has many more calls for teachers who have specialized in certain lines than it has been able to meet. Boards of education will find it to their advantage to write us when in need of well equipped teachers.

PRIZES

A series of prizes is offered in the several literary, scientific, industrial and athletic lines, which will stimulate interest in all of them

The Morehouse & Wells Company, wholesale and retail hardware merchants of Decatur, offer a first and second prize of $15.00 and $10.00, respectively, to be awarded under the following conditions: The first prize of $15.00 is offered to the person who shall invent the best hand or machine tool, or devise the best improvement in such tool; the second prize of $10.00 to the person presenting the second best tool or improvement. Students of the Engineering or Manual Training departments are eligible to compete for these prizes.

For the best dramatic art presentation by a class, club or society, a cash prize of twenty dollars is offered by the Wm. Gushard Dry Goods Company. In case of one entry only, the prize will be awarded if the presentation reaches the minimum standard of excellence prescribed for it. This prize was won in 1912 by the Philomathean Literary Society.

For the highest efficiency in public debate on some historical or sociological subject approved by the department and the President of the University, Dr. E. J. Brown offers a cash prize of twenty-five dollars, open only to students in the College. This prize was won n 1912 by Mr. Edgar Smith.

To the literary society winning the greater number of points in a public contest, The Linn & Scruggs Company, merchants, offer a handsome art piece for its hall. This prize was won by the Philomathean Literary Society in 1912.

For the most original and artistic design in any line of work embraced in the prescribed courses for the classes in design, the William Gushard Dry Goods Company offer a fine umbrella worth approximately $10.00. This prize was won in 1911 by Miss Lucile Logan.

Messrs. Haines & Essick, merchants, offer a prize for the highest excellence in painting from life. This was won in 1911 by Miss Mildred Shipp.

For the best painting from still life, Messrs. Chodat & Company, merchants, offer a prize, which was won in 1911 by Miss Mabel Buckmaster.

For the best original story given in public contest, Messrs. Rodgers & Clark, merchants, offered a prize of a twenty dollar gold piece. This prize was won in 1912 by Miss Mildred Ship. It is not offered for the coming year.

The School of Fine and Applied Arts announces the gift of two new prizes for 1912. The Elizabeth N. Wells prize of ten dollars will be awarded to the student showing the highest excellence in mural decoration and landscape painting. A friend of the school offers a prize of ten dollars for the best design in silver or gold work done in the applied arts classes.

SCHOLASTIC HONORS

A graduate scholarship, entitling the recipient to one year's free tuition in pursuing a specialty, is awarded to the member of each graduating class in the College who secures the highest rank in scholarship in Junior and Senior subjects, as provided in the regulations governing the same.

This scholarship was won in 1911 by Miss Mary Carroll.

The scholarship for the highest average for the four years' college course was also awarded to Miss Mary Carroll.

The members of each graduating class in the College whose average per cent is 92 or more are designated as high honor students; those with average between 88 and 92 as honor students.

The high honor students in the class of 1911 were:

Viola M. Bell, Mary E. Carroll, Alice P. Henderson, Ellis H. Hudson.

The honor students were:

Edith W. Bowyer, Leo R. Brown, Bessie A. Gilman, Harry F. Hadley, Clarence E. Hall, Cleo Lichtenberger, Lucile Logan, N. LaRue Neisler, Florence S. Page, Thekla M. Siebens, Grace L. Thrift, Pearl E. Tippett, J. Marguerite Votaw, Don Wickard, Lois I. Yoder.

Any student who at the end of his Junior year reaches an honor grade on all his work, and a high honor grade on his major may graduate on the completion of 124 points in his course, exclusive of collaterals.

Honors in the lower classes and departmental honors are awarded students attaining certain standings, as provided in the regulations pertaining to the same.

The high honor students in the lower classes for 1910-1911 were as follows:

Juniors—Edgar Allen, Lois Browne, Jesse Conel, Corinne Holcomb, Effie Morgan, Anna New, Roger Young.

Sophomores—Viola Ameling, Esther Lou Bergen, Everett Comer, Daniel Gray, Alberta Montgomery, Mary Prestley, Pauline Williams, Maude Yarnell.

Freshmen—May Coleman, Fay Fisher, William Henderson, Rowena Hudson, Emily Montgomery, Ivra Shaw.

The honor students were as follows:

Juniors—Lottie Cook, Marie Freeman, Edith Hampton, Gussie Jacobsen, Mary McKennan, Jewel May, Mildred Montgomery, Ferne Parr, Jessie Patterson, Walter Rogers, Mary Scott, Lois Scott, Iva Wasson.

Sophomores—Jessie Ayres, Nina Brecount, Mildred Elder, Gertrude Freeman, Helen Ketch, Laura Kriege, Mary Lippincott, Bvron Merris, Helen Page, Harry Scherer, Eleanor Schroll, Elmer Spence, Fred Symonds, Nellie Lois Wasson, Lillian Dee Worrell.

Freshmen—Hila Ayres, Sarah Bullard, Mamie Carrico, Clarence Crumbaker, Sarah Dale, Winifred Davis, Sophia Drobisch, George Gilbert, Merle Hale, Helen Heald, Margaret Hessler, Mattie Horn, Anna McNabb, Grace Mason, Jennie Mills, Ruth Montgomery, Lena Moore, Harry Munch, Ethel Primm, Michael Quirk, William Schrader, Herbert Scott, Ruth Swanson, Charles Williams.

MEMORANDA

Government: The heads of the different schools and departments of the College constitute a council for the transaction of such business as usually pertains to similar bodies in educational institutions.

Though rules of procedure are necessary to avoid confusion and facilitate administration, few formal rules of conduct are deemed advisable in such an institution as this. Students whose ideals of conduct and whose spirit are not in accord with the general policy of the institution are not desired, nor will they be permitted to remain here after that fact is established. It is believed that the best results in education are attained where reasonable freedom of action is allowed, and where young men and women are guided largely by their own sense of honor and propriety. It will ever be the policy of the institution to cultivate and encourage a spirit of mutual good will and co-operation on the part of faculty and students and to make student life as enjoyable and profitable as possible.

Matriculation: Every candidate for admission to the College or any department thereof is expected to produce satisfactory evidence of good moral character. If said candidate has been connected with any other college he shall produce a certificate of good standing from it.

Every candidate for admission will be required to pay his fees in advance and such payment shall imply an agreement on his part to observe the rules and regulations of the institution and co-operate in every way in his power with the management.

All persons who desire to enter the University should, if possible, be present the first day of the college year. While students are welcome at any time, better results can be reached by beginning with the regular classes. It is desired that those who expect to attend shall make application for admission at as early a date as possible. Persons applying by letter are requested to give a general idea of the work which they have completed as well as of that which they wish to pursue.

For failure to comply with any of the rules and regulations of the College, the Council may reduce the student's standing, or fix any other penalty which in its judgment the case may may seem to demand.

Required Hours: Every student is expected to take at least sixteen hours' work per week, though as many as twenty hours may be taken by a student on the approval of the President of the faculty. A less number may be taken on the approval of the President or Dean, but a greater number than twenty can be taken only on the approval of the Council.

Examination and Standing: The student who fails to pass the regular examination on any subject will not be allowed to continue with his class in that subject except on the written recommendation of his teacher. Nor will he be given longer than until the end of the next semester succeeding to make up such examination.

A student will not be permitted to attempt the term examination in any study when his average daily grade in that study has fallen below 60. Students taking entrance examinations will be required to make the usual grade for passing a subject.

At the close of each semester the report of a student's grades will be made to his parents on request for the same.

No student will be recommended for the Bachelor's degree unless he has been a reguarly enrolled resident student of the College for at least one year, though for sufficient reason the Council may reduce the attendance one semester.

Chapel Attendance: All students are required to attend the daily chapel and general exercises, except when excused by the office for satisfactory reasons. All are also expected to attend Sunday school and church at least once on the Sabbath, except when excused by request of parent or guardian.

Outside Work: Students are not permitted to take work of any kind outside of the College without the express permission of the President.

Outside Organizations: Students will not be permitted to join any outside local organzations which have not been formally approved by the Council.

Intercollegiate Contests: No student will be certified as eligible to engage in any intercollegiate contest who is not satisfactorily carrying at least twelve hours' work and who s not in good standing in the institution.

Publications: The publications of the Colege are: The James Millikin University Buletin, issued quarterly; The Decaturian, issued weekly, the student periodical; the annual Varsity Directory, also a student publication; he College Annual, under the title of the "The Millidek", issued by the senior class; and The University Calendar, issued by the Young Women's Christian Association.

Collateral Work: All students in the Academy and in the first two years of the College will be required to take at least one line of collateral work selected from among the folowing: physical culture, military drill, band, orchestral, vocal or instrumental music, literary society, parliamentary or dramatic art practice. Work so selected must be taken at east two hours per week in one of the regular organizations of classes of the institution and under the supervision of a member of the aculty. It must also be subject to the same rules governing attendance and proficiency as he regular scholastic subjects and must be certified by the teacher in supervision or by an officer designated by the President of the University. At least two years' work each in the Academy and College, counting one point per year, must be taken in gymnastics.

Not more than two years' collateral work will be allowed in any one line.

All students not taking such collateral work will be required to make one point each year in the Academy and two in the College, in the freshman and sophomore years, in some scholastic subject in lieu thereof, and in addition to the scholastic points required for graduation.

Credits given for entrance to the College courses shall not in any wise be considered again towards meeting requirements for graduation in the College.

CONCERNING CREDITS, ELECTIVES, ADVANCED STANDING

All engineering laboratory work, including mechanical drawing, practice work, experimentation, testing and shop work counts one third point per hour. Other laboratory work counts one half point per hour. Practice or experimenting outside the laboratory or shop counts nothing. Class-room work in said subject of the nature of regular lectures or recitations counts one point per hour per week.

In the Academy electives preparatory to the liberal arts course in the College, eighteen points are the maximum that can be devoted to domestic science, domestic art, manual training, drawing, bookkeeping, typewriting and stenography, either singly or together. Music, eight points, may be elected to be counted in this maximum number.

The following Academic courses may be taken as college electives when taken by college students only: Latin E. F. G. H.; Greek A. B. C. D.; Biology C. D. for freshmen only; and Physics A. B. for freshmen only.

Candidates for the A. B. degree must complete 60 points of prescribed work (see page 10), a major of 32 points (see page 10) and a minor of 8 points (see page 11). The major may include a prescribed course. The minor cannot include a prescribed course. The major must be selected by the middle of the sophomore year. The minor must be selected with the advice of the department in which the major is taken.

Students from approved colleges who have finished the sophomore year in arts or science courses, are admitted to full junior standing. Students of lower rank will be admitted and classified according to their credits as counted in this institution. Students from technical schools are admitted in an analogous manner.

GIFTS TO THE COLLEGE

To the Library:

Encyclopedia Britannica, 9th edition, from Judge W. C. Johns.

Gaebelein, Gospel of Matthew, and Prophet Daniel, from the author.

Gillette, K. C., World Corporations, from the Boston News Co.

Inauguration of President A. R. Hill, from the University of Missouri.

Lincoln Centennial Association Addresses, from the Association.

McClain, Constitutional Law in the U. S., from Professor A. T. Mills.

Messages and papers of the Presidents, ten volumes, from Mrs. Milton Johnson.

Missouri Botanical Gardens, twentieth annual report, from the Board.

Public School Music, four volumes, from Professor H. H. Kaeuper.

Putney Law Library, twelve volumes, from A. H. Putney, Dean of Chicago College of Law.

St. Louis Board of Education, fifty-seventh annual report, from the Board.

How scientific management is applied, from the System Co.

Thompson, Railway Library, 1910, from the author.

To the School of Domestic Economy:
A demonstration case of Horlick's Malted Milk.

To the School of Fine and Applied Arts:
The school has been placed on the permanent circuit of the Municipal Art League of Decatur and is entitled to the loan of one oil painting each year from the collection of the League.

To the School of Commerce and Finance:
Through the kindness of Congressman W. B. McKinley the School has secured a number of government publications.

Bequests and donations should be made to the Board of Trustees of The James Millikin University for the Decatur College and Industrial School at Decatur, Illinois.

REGISTRY OF STUDENTS

NOTE.—Many students listed as from Decatur belong to families recently coming to the city for the purpose of availing themselves of the advantages of the University. Some also thus listed are nearer other towns, but receive their mail via the Decatur rural routes. No effort is made to differentiate the candidates for degrees in the different Schools below the Senior class.

GRADUATE STUDENTS AND FELLOWS

Candidates for Degrees

Master of Arts

Potts, Edith Margaret, A.B., The James Millikin University, 1910; English, Decatur.

*Record, Charles Franklin, A.B., The James Millikin University, 1905; Union Theological Seminary, 1908; History, Centralia.

*Sherman, Thomas E., A.B., Adrian College, 1911; Auburn Theological Seminary, 1890; History, Williamsburg, Iowa.

Shipp, Susan Mildred, B.S. in Fine and Applied Arts, The James Millikin University, 1912; Fine and Applied Arts, Paris.

*Tait, John L., A.B., Central University, 1903; McCormick Theological Seminary, 1906; History, Columbus, Ohio.

Thrift, Grace Lorraine, A.B., The James Millikin University, 1911; English, Decatur.

Bachelor of Science in Fine and Applied Arts

Mills, Helen Elizabeth, A.B., The James Millikin University, 1909; Fine and Applied Arts, Decatur.

—7

Not Candidates for Degrees

Anderson, Erma Clark, B.S. in Fine and Applied Arts, The James Millikin University, 1909; Fine Arts, Decatur.

Carroll, Mary Ellen, A.B., The James Millikin University, 1911; English, Decatur.

Bragg, Lucile Margaret, A.M., The James Millikin University, 1910; Domestic Art, Decatur.

DeGroat, Lulalou, A.B., The James Millikin University, 1908; English, Decatur.

Hicks, Helen M., A.B., Lake Forest College, 1909; Domestic Art, Chicago.

Lichtenberger, Cleo, B.S. with Library Science, The James Millikin University, 1911; Library Science and Domestic Art, Decatur.

Logan, Lucile, A.B., The James Millikin University, 1911; Applied Arts, Bethany.

Lutz, Caroline Stukey, A.B., Goucher College, 1911; English, French, and Fine Arts, Decatur.

Page, Florence Sarah, A.B., The James Millikin University, 1911; Applied Arts, Decatur.

Seifried, Marguerite J., A.B., Colorado College, 1910; Fine Arts, Georgetown, Colo.

Sullivan, William P., B.Pd., Greer College, 1901; B.Pd., Missouri State Normal School, 1910; English and Pedagogy, Illiopolis.

—11

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*In absentia.

UNDERGRADUATES

Senior Class

Bachelor of Arts

Baker, Mary Frances,	Biggsville
Conel, Jesse L.,	Decatur
Cook, Lottie B.,	Moweaqua
Council, Norma Louise	Decatur
Browne, Lois Adeline,	Carbondale,
Holcomb, Corinne Painter,	Decatur
Jacobsen, Gussie,	Niantic
McKennan, Mary Elizabeth,	Paris
May, Jewel,	Mt. Zion
Miller, Margaret Josephine,	Decatur
Myers, Leon Goodbrake,	Clinton
Myers, Thomas Barker,	Clinton
New, Anna Catherine,	Eldorado
Niedermeyer, Arthur Wilhelm,	Decatur
Parr, Rhoda Ferne,	Decatur
Patterson, Jessie Elizabeth,	Decatur
Pinkstaff, Everett Wilson,	Lawrenceville
Redmon, Blanche,	Decatur
Russell, Lena Marie,	Moweaqua
Russell, Margaret Louise,	Decatur
Scott, Mary Edna,	Springfield
Scott, Mary Lois,	Portland, Ore.
Shade, Dorothy Josephine,	Decatur
Walker, Anna Sloan,	Decatur
Wasson, Iva Ingersoll,	Decatur
Young, Roger,	Versailles, Mo.

Bachelor of Science in Civil Engineering

Lamb, Mial Elias,	Worden

Bachelor of Science in Commerce and Finance

Allen, Edgar H.,	Decatur
Yoder, Grover Walter,	Decatur

Bachelor of Science in Domestic Economy

Blake, Mary Madge,	Indianapolis, Ind.

Bachelor of Science in Electrical Engineering

Stevens, Edgar Foster,	Alton
Wentz, Roy A.,	Decatur
Wood, Harvey Aden,	Effingham

Bachelor of Science in Fine and Applied Arts

Edwards, Zeldra,	Decatur
Montgomery, Mildred Hitchcock,	Decatur
Owings, Julia,	Owaneco
Shipp, Susan Mildred,	Paris

Bochelor of Science with Library Science

Curtis, Lucy Alice,	Decatur
Hampton, Mary Edith,	Mechanicsburg

—39

Junior Class

Ameling, Viola May,	Decatur
Ayres, Jessie Corita,	New Lenox
Beesley, Everett I.,	Vincennes, Ind.
Bell, Urban Radcliffe,	Versailles
Bergen, Esther Lou,	Decatur
Bishop, Edward H.,	Decatur
Brecount, Nina May,	Decatur
Burkhart, Clarence Quinton,	Alton
Byrne, George P.,	Decatur
Clickener, Sarah H.,	Morrisonville
Crum, Lena May,	Clinton
Davidson, Robert Harsha,	Tecumseh, Neb.
Davis, Edna E.,	Decatur
Davis, Thomas A.,	Bethany
De Moulin, Adele May,	Greenville
Dunn, Archibald Taylor,	Virginia
Edmonson, Mabel Kent,	Atwood
Gore, Gladys Isabelle,	Carlinville
Gray, Daniel,	Decatur
Harding, Wallace Crawford,	Summerside, P.E.I., Can.
Henry, Harriet Gertrude,	Decatur
Holmes, William B.,	Effingham
Hoover, W. Senn,	Sugar Land, Tex.
Joel, Fred F.,	Canon City, Col.
Ketch, Helen Grace,	Decatur
Kirk, Bonum Lee,	Champaign
Kriege, Laura O.,	St. Louis, Mo.
Kyser, Florence Shuman,	El Paso
Lefever, Clara Frances,	Decatur
Lewis, Leslie,	Atwood
Lindsey, Richard Vernon,	Decatur
May, Edith Bernice,	Decatur
Meeker, Lloyd Lowell,	Decatur
Melchers, Nellie Catherine,	Decatur
Million, Burwell A.,	Decatur
Moffett, Helen Lucretia,	Decatur

Montgomery, John Paul,	Decatur
Montgomery, Martha Alberta,	Decatur
Munch, Harry Barber,	Decatur
Myers, Lawrence Nicholson,	Decatur
Page, Helen Putnam,	Decatur
Perkins, Helen Hope,	Princeton
Prestley, Mary,	Decatur
Primm, Ethel Mundy,	Hannibal, Mo.
Riggs, Harry E.,	Decatur
Rogers, Walter E.,	Decatur
Scherer, Harry Tecumseh,	Raymond
Scott, Marie,	Bethany
Shepherd, Jessie Marguerite,	Wheaton
Smith, Edgar W.,	Decatur
Spence, Elmer C.,	Le Roy
Stables, Floyd F.,	Lexington
Thayer, Stanley Stillwell,	Fairbury
Wasson, Nellie Lois,	Decatur
Webber, Albert G.,	Decatur
Willits, Paul Winter,	Decatur
Worrell, Lillian Dee,	Clayton, Ind.
Yarnell, Maude,	Decatur

—58

Sophomore

Aikin, Bessie Lucile,	Decatur
Anderson, Kenneth Lyman,	Onargo
Ayres, Hila Augusta,	New Lenox
Bartling, Wilmont,	Litchfield
Bell, Cleon Marshall,	Versailles
Bishop, Bessie,	Decatur
Bricker, Floyd,	Maroa
Bricker, Homer,	Maroa
Buck, Daniel Sidney,	McLean
Bullard, S. Alice,	Mechanicsburg
Burnett, William, Jr.,	Decatur
Carrico, Mamie Leola,	Ashmore
Clark, Abner M.,	Mt. Sterling
Cooper, Delmar Gilbert,	Hoopeston
Creighton, Edward Woodin,	Urbana
Crumbaker, Clarence Charles,	Bloomington
Dale, Sarah,	Decatur
Davis, Lelah-Bell,	Decatur
Drobisch, Sophia M.,	Decatur
Evans, Melbourne C.,	Chambers, Neb.
Farrell, Harry H.,	Outten
Fisher, Fay,	Decatur
Fluss, Fred H.,	Decatur
Freyburger, Margaret Verl,	Decatur
Gilbert, George Newport,	Pana
Hale, Merle Channing,	Omro, Wis.
Halterman, Harry Ray,	Anna
Halterman, James Henry,	Anna
Hayes, Blanche Hauss,	Pawhuska, Okla.
Heald, Helen M.,	Peoria
Henderson, William Franklin,	Decatur
Hessler, Margaret Constance,	Decatur
Keeley, Helen,	Dwight
Ketch, James Moss,	Decatur
King, Lorin Hudson,	Divernon
Kriege, Florence,	Edwardsville
Lemmons, Raymond Wilson,	Lawrenceville
Locher, Florence Elaine,	Cerro Gordo
Lyon, Paul Bryant,	Decatur
McNabb, Anna Whitmer,	Decatur
McNabb, Margaret,	Decatur
Mason, Eula,	Fillmore
Meek, Mervyn Wilfred,	Port Stanley, Ont., Can.
May, Myrtle,	Mt. Zion
Mikels, Bess Bell,	Cerro Gordo
Miller, Justin I.,	Emporia, Kans.
Mills, Andrew Hubert,	Decatur
Mills, Jennie,	Decatur
Mills, Margaret,	Decatur
Montgomery, Ruth. L,	Decatur
Morrison, Ruth,	Decatur
Orr, Clarence,	Auburn
Orr, Edna Belle,	Decatur
Pasold, Clara,	Decatur
Potter, Marguerite Shaw,	Decatur
Redmon, Blossom,	Decatur
Reynolds, William Alonzo, Jr.,	Los Angeles, Cal.
Riddle, Opal Dean,	Decatur
Rogers, Bertha F.,	Fairfield
Rosenstein, Miriam Sena,	Decatur
Rynksel, Stephen Robert,	Waukegan
Schrader, William Arthur,	Decatur
Scott, Herbert Taylor,	Portland, Ore.
Shade, Harriet Ellen,	Decatur
Shaw, Ivra C.,	Decatur
Shipp, Dona Lucile,	Paris
Springer, Emerson Cash,	Newman
Starkey, Arthur L.,	Mattoon
Stoker, Ann Eoline,	Centralia
Sugg, J. Norman,	Kinmundy
Swanson, Ruth Pauline,	Hoopeston
Taylor, George Conant,	North Marshfield, Mass.
Tenison, Samuel Alfred,	Hillsboro
Threlkeld, Flora Gayle,	Decatur
Vernon, Willett Blayney,	Chicago
Van Deventer, Florence,	Decatur
Weilepp, Eva,	Decatur
Welsh, Neva Clare,	Decatur
Wilcox, Harriet A.,	Rosemond
Williams, Charles Edward,	Edinburg
Worrell, Beth M.,	Clayton, Ind.

—81

Freshman

Ault, Cecile May,	Lake City
Baird, Florence H.,	Ogden, Utah.
Bates, Lew Ancell,	Dallas, Tex.
Baum, Floyd William,	Lamar
Baxmeyer, Charlotte,	Assumption
Beach, William Charles,	Paw Paw
Bean, Helen,	Decatur
Beatty, Winifred Yuba,	Clinton
Belknap, Harry W.,	Raymond
Beltz, John S.,	Gardner
Berkshire, Gladys Allison,	Springfield
Bolay, Andrew C.,	Decatur
Bowers, Clarence S.,	Decatur
Bowyer, Virginia,	Springfield
Brawner, Harriet Elsie,	Delavan
Brecount, Perry,	Decatur
Britton, Harold Dow,	Taylorville
Burks, Helen Wise,	Decatur
Busher, William Curtis,	Decatur
Campbell, Mildred E.,	Decatur
Coen, Roscoe,	Neoga
Cole, Helen Fay,	Macon
Collier, Elsie,	Decatur
Collins, Guy,	Garrett
Collins, Leslie,	Garrett
Conel, Nina,	Decatur
Craycroft, Robert Cairns,	Mt. Zion
Davis, Edith Verna,	Decatur
Davis, Mary Blanche,	Decatur
Dawson, Edith Louise,	Decatur
Dearth, Herbert Johnson,	Decatur
Dedman, Sidney Matie,	Decatur
Douglass, Curtis R.,	Centralia
Ducy, Harry H.,	Clinton
Du Hadway, Estelle,	Jerseyville
Earnest, Roberta D.,	Decatur
Field, Helen,	Decatur
File, Viola,	Irving
Ford, Leland Frazier,	Illiopolis
Fullenwider, Elizabeth Leah,	Mechanicsburg
Gelsthorp, Edna Gladine,	Beason
Gillespie, Carolyn,	Decatur
Gilson, Edward S.,	Paducah, Ky.
Grady, Hazel,	Decatur
Green, Daniel Herbert	South Wilmington
Hardin, Wesley,	Clinton
Harper, Edna,	Carthage
Harrison, Parke,	Stanford
Hart, Clyde,	Hillsboro
Hawver, Linley E.,	Milmine
Hawver, Paul Loren,	Decatur
Henderson, Lucy Reid,	Decatur
Hermon, Georgia E.,	Chatham
Herriott, Paul Ellsworth,	Plain City, Ohio.
Hessler, Herbert Eugene,	Decatur
Hicks, Alice Irene,	Chicago
Hillmer, Meta G.,	Taylorville
Hilpert, Frank,	Stanford
Hoots, Anna,	Decatur
Hopple, Helen,	Bucyrus, Ohio.
Houghton, James Frank,	Petersburg
Hunt, Madge Crowder,	Decatur
Jenkins, Grover C.,	El Paso
Johnston, Fannie Beatrice,	Sidney

Jones, Noah, Jr.,	Taylorville	
Kaspar, Eugene,	Chicago	
Kennelly, Alice Ellen,	Guthrie,	Okla.
Kent, Emmett,	Clinton	
Kerbaugh, L. Parke,	Stanford	
Kirkwood, Flossie Ferne,	Decatur	
Kiick, Lester Dean,	Decatur	
Large, Ruth Elizabeth,	Decatur	
Lawver, Earl,	Freeport	
Leaming, Mabel,	Romney,	Ind.
Lehman, Everett L.,	Decatur	
Levick, John N.,	Mt. Vernon	
Lewman, Ruth Lorena,	Decatur	
Lillich, George Otto,	Latham	
Lindley, Marjorie,	Salem,	Ind.
Livergood, Ober W.,	Stonington	
Long, Alex.,	Decatur	
Lynn, Florence,	Earlville	
McClelland, Marian Gertrude,	Decatur	
McClintock, Lucy Margeurite,	Decatur	
McDavid, Carroll,	Hillsboro	
McDonald, Edmund Urban,	Decatur	
McIntosh, Martha,	Decatur	
McMennamy, Anna Ruth,	Bethany	
Macknet, Eunice,	Decatur	
Maris, John Samuel,	Decatur	
Marley, E. Pearl,	Freedom,	Ind.
Matheny, Mae,	Hubbell,	Neb.
Maxwell, Ada L.,	Arcola	
Meeker, Edna,	Decatur	
Meisenhelter, Rose Catherine,	Rosemond	
Meyer, Henrietta,	Columbia City,	Ind.
Miller, Walter H.,	Decatur	
Mitten, Wayne Bennett,	Fairbury	
Monroe, Jean E.,	Wheaton	
Moore, Sarah Elsie,	Owensville	
Naber, Louise,	Wabash,	Ind.
Nicholson, Irma Irene,	Decatur	
Osgood, Harold M.,	Decatur	
Parker, Bessie,	Decatur	
Parkinson, Nellis Paul,	Centralia	
Phillips, Anna Marie,	Decatur	
Pinnell, Mary,	Kansas	
Postlewait, Claude M.,	Carrollton	
Prestley, Margery,	Decatur	
Pritchett, Carl Willard,	Niantic	
Rafferty, Charles Francis,	Buffalo,	N. Y.
Reader, Emma Grace,	Centralia	
Reed, Edna,	Decatur	
Rice, H. Dresser,	Hillsboro	
Robinson, Myles Anderson,	Table Grove	
Roblee, Lowell A.,	Decatur	
Roby, Helen Elizabeth,	Decatur	
Rumsey, Mary Hilliard,	Girard	
Russell, Carl Reed,	Decatur	
Sawyer, Ray George,	Decatur	
Schreeb, Margaret,	Utica	
Scott, Edna Catherine,	Mt. Zion	
Shaw, Genevieve C.,	Maroa	
Shelley, Earl Frank,	Mt. Vernon	
Simpson, Daniel H.,	Chicago	
Simpson, Ritchie Reman,	Taylorville	
Sligar, Lila Mae,	Centralia	
Smith, Floyd,	Mt. Vernon	
Smith, Robert Sumner,	Decatur	
Springstun, Elsie,	Pana	
Stanley, Dean,	Lovington	
Starr, Marlyn,	Decatur	
Steele, Lula L.,	Dover	
Stevens, Edith Hasseltine,	St. Louis,	Mo.
Stowell, Annie Genevieve Estelle,	Hannibal,	Mo.
Tingley, Edgar Sturges,	Decatur	
Tucker, Samuel A.,	Decatur	
Van Ness, Russell Algar,	McLean	
Waggoner, Karl Marshall,	Decatur	
Ward, Joseph Leon,	Decatur	
Watkins, Alice E.,	Decatur	
Watson, Allen Stanley,	Mt. Vernon	
Westervelt, Barton Hackney,	Decatur	
White, Sadie Alice,	Loami	
Widdifield, Bertha,	Columbia City,	Ind.
Wikoff, Forest G.,	Decatur	
Wilcox, Ethel Emma,	Rosemond	
Wilkin, Corydon C.,	Decatur	
Wilkinson, Jackson Heath,	Bethany	
Williams, Benjamin Harrison,	Watseka	
Williams, Faye,	Clinton	
Williams, Lillian,	Buffalo	
Willets, Charles William,	Decatur	
Wilmoth, Harvey Edward,	Milford	
Wilson, Adeline,	Owensville,	Ind.
Wise, Ralph R.,	Decatur	
Witzemann, Luella Anna,	Decatur	
Woodward, Loyd Esel,	Clinton	
Wright, Catherine Thomas,	Illiopolis	
Yakel, Harley B.,	Rantoul	
Yeakel, Kerby Armstrong,	Waynesville	

—161

Fourth Year Academy

Graduating Class

Arnold, Hazel D.,	Morrisonville	
Baber, Adin,	Dudley	
Bailey, Leo L.,	Boody	
Baker, Mary Florence,	Cerro Gordo	
Benner Ralph Cobb,	Dawson	
Dick, Carl,	Hammond	
Dick, Vernon Fredrick,	Hammond	
Duvall, Fae,	Argenta	
Foster, Alta Marie,	Tower Hill	
Gammon, Marie Elizabeth,	Chicago	
Gilman, Gladys E.,	Harristown	
Hanks, Dorothy Eliza,	Decatur	
Kruse, Albert Hans,	Garrett	
Lincoln, Chester,	Hammond	
McDavid, Clythera,	Hillsboro	
May, Fred R.,	Mt. Zion	
Monroe, Lena B.,	Sullivan	
Pennemann, Allen Fredrick,	Buffalo	
Plummer, Harold Kenneth,	Macon	
Price, Mary Bell,	Decatur	
Rumsey, Lois,	Girard	
Staley, Lloyd Alva,	Loami	
Taylor, Nellie Marie,	Chillicothe,	Ohio.
Underwood, Hazel May,	Warrensburg	
Waddell, Ethel,	Niantic	
Wassem, Leslie F.,	Patoka	
Webber, Gilmore Roth,	Decatur	

—27

Campbell, Charles Edgar,	Vera
Chynoweth, Ray I.,	Macon
Creech, Hilda Marguerite,	Decatur
Grundy, Charles Edward,	Morrisonville
Irvin, Ray,	Patoka
Kendall, Veldia Caroline,	Virginia
Sutman, Roy Frank,	Boody
Williams, Oscar,	Latham

—8

Third Year Academy

Bean, Horatio W.,	Decatur	
Bowersock, Lora Mae,	Maroa	
Brown, Howard C.,	Decatur	
Busher, Ira Everett,	Decatur	
Cloud, Clarence C.,	Nemaha,	Iowa.
Council, Charles T.,	Decatur	
Cozad, John H.,	Odin	
Dick, Rosa Mabel,	Arthur	
Dick, William E.,	Arthur	
Duff, Leonard E.,	Beason	
Duvall, William C.,	Argenta	
Faith, David	Warrensburg	
Galloway, Clarence Edward,	Warrensburg	
Garman, Grace Edna,	Decatur	
Garman, John Walter,	Decatur	
Gray, Charlotte,	Argenta	
Hauser, Evelyn L.,	Evanston	
Hudson, Noel Paul,	Decatur	
Irwin, Edith Etha,	Decatur	
Irwin, Robert Bliss,	Decatur	
James, Helen Ida,	Decatur	
Johnston, Finis Lee,	Callao,	Mo.
Johnston, J. Eldon,	Decatur	
Kerney, Charlotte Wright,	Decatur	
Kerwood, Josephine E.,	Latham	
Lewis, Lillian Eleanore,	Decatur	
Lyman, Homer Cornelius,	Maroa	
Malone, Ruby Florence,	Decatur	
Moeller, George Ayers,	Decatur	
Morrison, Agnes Bridget,	Dalton City	
Munch, Adah M.,	Lanes	
Myers, Zoe Marie,	Decatur	

Nitchals, Harry Ellsworth,	Argenta
Pogue, Letha,	Findlay
Reed, James D.,	Decatur
Reeter, Roy R.,	Lake City
Seyfer, Rena E.,	Decatur
Shaw, Lauren L.,	Decatur
Smith, Alice Marie,	Bethany
Stephenson, Floyd S.,	Decatur
Swim, Carl H.,	Stonington
Teague, Roland,	Bloomingdale, Ind.
Underwood, Dessie,	Decatur
Valentine, Miriam Wells,	Bennington, Vt.
Wehmhoff, Nina Marie,	Dalton City
Williams, Josiah H.,	Woodland
Williams, Sara Matella,	Edinburg
Williams, Ralph Chester,	Edinburg
Wolf, Lottie B.,	Sullivan

—49

Second Year Academy

Ames, Bertha,	Mattoon
Bartlett, Deral C.,	Decatur
Baughman, Russell,	Decatur
Beall, Helen Augusta,	Niantic
Black, Oliver W.,	Decatur
Cooper, Dorothy Eunice,	Beloit, Kan.
Corbin, Ruth Ione.	Sullivan
Corzine, Eva Sadie,	Decatur
Croy, Valma Jessica,	Decatur
Delaney, James,	Niantic
Evans, Troy,	Decatur
Garman, Ethel C.,	Bethany
Howell, Irma Lillis,	Decatur
Hudson, George Donald,	Decatur
Kiick, Herschel Cletus,	Latham
KreaSan, Shirley Genevieve,	Champaign
Moffett, Wilna Cottle,	Boody
Moore, Susanna Beatrice,	Rockville, Ind.
Myers, Zadah,	Decatur
Pease, Celia Margaret,	Decatur
Pistorius, Chester W.,	Decatur
Powers, Margery,	Decatur
Probst, Goldie Eva,	Decatur
Schien, Clarence E.,	Clinton
Skinner, Gershie James,	Oconee
Smith, Oliver Stanley,	Tower Hill
Stocks, Homer,	Decatur
Wilhite, Howard,	Decatur
Wilson, Margaretha Agnes,	Decatur

—29

First Year Academy

Booziotes, Peter Christus,	Agios Georgeos, Greece
Brown, John A.,	Decatur
Campbell, Esther Pearl,	Vera
Campbell, John William,	Vera
Cox, J. Earl,	Decatur
Cramer, Thomas William,	Clinton
Duncan, Jessie,	Princeton, Ind.
Dustman, Otto Lomax,	Freeport
Edick, Charles David,	Omro, Wis.
Faith, Joy,	Warrensburg
Fessler, Dean,	Decatur
Harris, Besse,	Brownstown
Harris, Ruth,	Decatur
Henry, Lucy Dell,	Decatur
Holberg, Leo N.,	Portland, Ore.
Jeffers, Hattie May,	Saline City, Ind.
Lindamood, William T.,	Decatur
Love, Ada Clarice,	Newton
Loy, Harry H,,	Watson
McCoy, Harold E.,	Spokane, Wash.
Moody, Harriet,	Dalton City
Murry, Wayne,	Mt. Auburn
Rodgers, Norma,	Decatur
Smallwood, Harry N.,	Decatur
White, Ollie Mae,	Lee's Summit, Mo.
Taylor, Frances Edith,	Beardstown
Thomas, A. Moss,	Dallas, Tex.

—27

Special Students

The following list includes students of College or Academy rank, carrying one or more subjects.

Chemistry

File, Howard,	Decatur

—1

Commerce and Finance

Freeman, Floyd Filmore,	Decatur
Nein, Augustus,	Oreana

—2

Domestic Art

Beck, Fleeta,	Decatur
Bothel, Clara B.,	Decatur
Drake, Mabel I.,	Springfield
Gage, Clara Lucille,	Decatur
Whitfield, Maude Virginia,	Decatur
Withrow, Nina L.,	Loami

—6

Domestic Economy

Clamer, Anna L.,	Nokomis
Douthit, May,	Shelbyville
Grove, Lena Marie,	Cerro Gordo
Hatcher, Charlotte,	Clinton
Kell, Nellie Jane,	Mt. Vernon
McMillan, Elna,	Clinton
Nighswonger, Eleanor,	Clarksdale
Parker, Emily,	Casey
Powell, Nell Justina,	Tonica
Stevenson, Lena L.,	Decatur

—10

Domestic Science

Burris, Myrtle,	Decatur
Connor, Elizabeth,	Niantic
Delaney, Jeanie,	Niantic
Dempsey, Lucy I.,	Decatur
Diller, Hulda A.,	Decatur
Drew, Fannette Belle,	Decatur
Dunn, Katherine,	Virginia
Finn, Nellie,	Decatur
Kurtz, Lillian Catherine,	Olney
McGowan, Elizabeth,	Decatur
Merker, Sue L.,	Decatur
Moran, Katie A.,	Decatur
Phares, Maude,	Decatur
Risley, Bessie R.,	Decatur
Sutliff, Edna,	Decatur
Tait, Margaret W.,	Decatur
Threlkeld, Blanche Alice,	Decatur
Van Lumen, Mary,	Decatur
Wentworth, Margaret,	Decatur
Wilhelmy, Grace,	Decatur

—20

Engineering

Wilson, Thomas Jefferson,	Clinton

—1

English

Christy, Jessie,	Decatur
Clark, Nelle N.,	Mattoon
Cox, E. Pearl,	Pana
Craig, Estelle,	Maroa
Culver, Ruth,	Decatur
Daggett, Daisy V.,	Macon
Drobisch, Alice Wessels,	Decatur
Freund, Gertrude,	Decatur
Grubel, Mollie,	Decatur
Hopkins, Ada Gertrude,	Roodhouse
Hudson, Rowena Bell,	Decatur
Love, Nellie H.,	Decatur
Martin, Laura,	Decatur
Montgomery, Ethel L,,	Edinburg
Niles, Ella Gardiner,	Decatur
Pritchett, Nettie C.,	Decatur
Riddle, Eva M.,	Decatur
Roney, Margaret E.,	Decatur
Schmachtenberger, Maybell,	Decatur
Smith, Flora B.,	Decatur
Smith, Mary Isabel,	Decatur
Thomas, Eliza M.,	Weldon
Webb, Mattie,	Decatur
Yondorf, Hazel Jeanette,	Decatur

—2

Fine and Applied Arts

Baker, Leo Cathryn,	Monticello
Buckmaster, Mabel Marzella,	Decatur
Hederick, Irma Gertrude,	Auburn
Mead, Anna E.,	Decatur

Riggs, Robert,	Decatur
Schulz, Anna F.,	Bloomington
Uhler, Mary C.,	Decatur
Williams, Tina Ethel,	Decatur
Woodward, Nellie A.,	Decatur
Wright, Florence Lowe,	Chicago

—10

Keramics

Bachrach, Eleanore S.,	Decatur
Corzine, Edith B.,	Stonington
Crawford, Irene,	Maroa
Cushing, Mildred,	Decatur
Faught, Gail,	Altamont
Heckel, Vera,	Decatur
Mead, Alice J.,	Decatur
Mills, Goldie E.,	Decatur
Munson, Kezia Ethel,	Arcola
Myers, M. Emma,	Assumption
Otta, Harriett,	Decatur
Sanders, Marie Webb,	Decatur

—12

Modern Languages

Hershey, Helen Marion,	Stonington
Roberts, Lela Gertrude,	Clinton

—2

Pedagogy

Childs, Marie,	Decatur
Foster, Roscoe H.,	Illiopolis
Goddard, Homer A.,	Decatur
Green, Fredarieka,	Morrisonville
Mathes, Georgia,	Charleston
Pettitt, Bernice May,	Kewanee
Ratliff, Grace Browning,	Vandalia

—7

Vocal Expression

Clark, Minnie B.,	Decatur
Seifried, Ruth H.,	Georgetown, Colo.

—2

CONSERVATORY OF MUSIC

Practic Courses

Piano

Collegiate

Armstrong, Eleanor,	Decatur
Ashby, Lillie,	Decatur
Averitt, Sarah A.,	Niantic
Babel, Jessie Oard,	Decatur
Barnes, Charlotte Gillett,	Decatur
Bauer, Ruth H.,	Blue Mound
Beall, Helen,	Niantic
Burks, Helen W.,	Decatur
Bushert, Grace,	Bethany
Chambers, Margaret,	New Holland
Chesebro, Lillian,	Taylorville
Childs, Agnes,	Decatur
Childs, Edna,	Decatur
Childs, Marie,	Decatur
Chittum, Mae,	Sorento
Corbin, Rose,	Sullivan
Council, Norma,	Decatur
Croy, May,	Decatur
Cunningham, Trenna,	Decatur
Curtis, Louise,	Decatur
Dalbey, Louise J.,	Taylorville
Davis, Lelah Bell,	Decatur
Dawson, Edith,	Decatur
Donovan, Wm. Everett,	Decatur
Eiler, Veda,	Cerro Gordo
Evans, Marie,	Decatur
Faith, Nira,	Illiopolis
Fisher, Olive M.,	Bement
Fisk, Sylvia,	Mt. Zion
Ford, Sadie,	Arcola
Foster, Alta Marie,	Tower Hill
Francis, Lucile,	Girard
Freeland, Mamie M.,	Dalton City
Gernand, Mary Emily,	Rossville
Gilman, Gladys,	Harristown
Gorin, Eleanor Ingersoll,	Decatur
Green, Fredarieka,	Morrisonville
Grider, Grace,	Sullivan
Gushard, Louise,	Decatur
Hoffheins, Gladys,	Bement
Howell, Irma,	Decatur
Howenstine, Bonnie L.,	Decatur
Howenstine, Laura Belle,	Decatur
Hubbard, Faith,	Lovington
Ingham, Helen,	Decatur
Jensen, Frieda A.,	Decatur
Johnston, Fannie B.,	Sidney
Keagle, Reva J.,	Maroa
Kerwood, Josephine,	Latham
Kile, Sybil,	Argenta
Kreasan, Shirley,	Champaign
Leach, Nola,	Atwater
Lewis, Lillian Eleanor,	Decatur
Lillich, George,	Latham
Love, Clarice,	Newton
MacAdams, Fay,	St. Louis, Mo.
McClelland, Marian,	Decatur
McClintock, Lucy,	Decatur
McDaniel, Lena,	Assumption
McDavid, Clythera,	Hillsboro
McNabb, Anna W.,	Decatur
Marxmiller, Floretta,	Sullivan
May, Edith,	Decatur
Metzger, Minerva,	Cerro Gordo
Miller, Sadie,	Buffalo
Moffett, Wilna,	Boody
Monroe, Jean,	Wheaton
Montgomery, Ethel L.,	Edinburg
Montgomery, Miriam,	Decatur
Montgomery, Verona,	Decatur
Moody, Harriet,	Dalton City
Moorehead, Winifred Davis,	Delavan
Munch, Adah,	Weldon
Munson, Corinne,	Arcola
Owen, Mrs. H. M.,	Decatur
Parker, Lucile,	Midland City
Pasold, Clara,	Decatur
Peck, Gertrude,	Edgewood
Pinnell, Mary,	Kansas
Primm, Ethel M.,	Hannibal, Mo.
Rafferty, Charles F.,	Buffalo, N. Y.
Robinson, Gertrude,	Decatur
Rodgers, Norma K.,	Decatur
Rogers, Frances,	Findlay
Rogers, Ora,	Petersburg
Rose, Edith,	Bement
Rugh, Bertha,	Decatur
Ryder, Lillie,	Decatur
Schien, Clarence E,,	Clinton
Scott, Marie,	Bethany
Scott, Mignonette,	Mt. Zion
Scribbins, Lula I.,	Chicago
Shipp, Dona L.,	Paris
Smith, Mary,	Wheeler
Snell, Madah M.,	Decatur
Snyder, Margaret,	Moweaqua
Stratton, Rose,	Hoopeston
Suffern, Beatrice,	Decatur
Thorpe, Veta,	Clinton
Troxel, Neva,	Cerro Gordo
Votaw, Lillian M.,	Decatur
Wandel, Grace,	Decatur
Wasson, Iva I.,	Decatur
Weatherby, Lucile,	Decatur
Wiley, Wilna M.,	Camargo
Wilkins, Daisy,	Decatur
Williams, Bessie Stone,	Highland, Kans.
Williams, Ferne,	Enid, Okla.
Williams, Ila Ruth,	Decatur
Willis, Florence,	Decatur
Willits, Charles W.,	Decatur
Yondorf, Hazel,	Decatur
York, Elsie Dick,	Arthur

—113

Academic

Ammann, Pearl,	Decatur
Arnold, Hazel,	Morrisonville
Atlass, Beatrice,	Decatur
Augustine, Lucy,	Decatur
Ault, Cecil,	Lake City
Baker, Nina E.,	Irving
Baldridge, Lois,	Decatur
Bandy, Mayme E.,	Lovington
Barding, Eula,	Decatur
Birks, Goldie,	Decatur

Blagg, Maude E.,	Mansfield
Booth, Melba,	Decatur
Bowman, Emma G.,	Decatur
Bradshaw, Agnes,	Illiopolis
Brawner, Elsie,	Delavan
Bricker, Florence,	Maroa
Bryson, Matilda Ann,	Lake Fork
Burtschi, Flora,	Decatur
Burtschi, Marcella,	Decatur
Casey, Ida,	Moweaqua
Chapman, Erroll V.,	Decatur
Clanton, Johnnette,	Decatur
Clark, Ruby,	Decatur
Clements, Lucy,	Stonington
Coartney, Mary,	Ashmore
Cole, Pearl,	Decatur
Collins, Helen,	Decatur
Conel, Nina,	Decatur
Connard, Lucile,	Elwin
Cook, Lottie,	Moweaqua
Cooper, Ada Belle,	Decatur
Conrad, Loraine,	Decatur
Cross, Elma,	Weldon
Crowder, Florence,	Bethany
Culver, Ruth,	Decatur
Deetz, Mary Ellen,	Decatur
Dick, Mabel,	Arthur
Duggan, Mary,	Decatur
DuHadway, Estelle,	Jerseyville
Eakle, Essie,	Arthur
East, Florence,	Cerro Gordo
Eddy, Velma,	Decatur
Elkins, Lucile,	Decatur
England, Dorothy,	Decatur
England, Helen,	Decatur
Faught, Gail,	Altamont
File, Viola,	Irving
Floyd, Ethel,	Decatur
Ford, Hester M.,	Illiopolis
Garman, Ethel,	Decatur
Gebhart, Sybil,	Decatur
Goltra, Ina,	Decatur
Gray, Lucile,	Decatur
Graybill, Henrietta Sarah,	Decatur
Greider, Lucile,	Decatur
Grove, Edna Helen,	Cerro Gordo
Haggard, Marie Faye,	Maroa
Hall, Mrs. Ira D.,	Hettinger, N. D.
Hamman, Phillis,	Decatur
Harding, Irene,	Decatur
Hauser, Evelyn L.,	Evanston
Heckel, Mabel Baker,	Decatur
Hederick, Irma,	Auburn
Heinz, Maud,	Argenta
Henry, Lucy,	Decatur
Hicks, Alice,	Chicago
Hinton, Maybelle,	Rosemond
House, Roy,	Decatur
Huff, Guyneith,	Maroa
Humphrey, Sophia,	Decatur
Hurd, Pauline,	Decatur
James, Helen,	Decatur
Jones, Olive,	Edgewood
Keith, Mayme,	Decatur
Kemper, Mabel,	Decatur
Kenney, Frances,	Broadlands
Kenney, Helen,	Broadlands
Kerney, Charlotte,	Decatur
Kirk, Bertha,	Decatur
Knodle, Iola W.,	Decatur
Kropla, Fred,	Decatur
Kuny, Frances,	Decatur
Lamb, Mary,	Bement
Leaming, Mabel,	Romney, Ind.
Lee, Marian,	Decatur
Leonard, Myrtle,	Decatur
Lindsey, Richard Vernon,	Decatur
Lindsey, Mrs. Utie R.,	Decatur
Lomison, Ona Beulah,	Decatur
Lumsden, Helen	Bethany
Lutz, Eloise,	Decatur
Lyman, Alta,	Maroa
Lynn, Florence,	Earlville
McDonald, Joe,	Decatur
MacWherter, John,	Decatur
MacWherter, Lucie,	Decatur
McClelland, Preston,	Decatur
McCune, Ervin,	Decatur
McDavid, Carroll,	Hillsboro
McGoldrick, Irma,	Decatur
Major, Vera Bernice,	Warrensburg
Malone, Lena,	Emery
Massey, Lena E.,	Dalton City
May, Fred,	Mt. Zion
May, Virginia,	Decatur
Meier, Walter,	Decatur
Merris, Helen,	Oakley
Meyer, Henrietta,	Columbia City, Ind.
Miller, Lois,	Decatur
Miller, Mary Ann,	Ivesdale
Mitchell, Bertha E.,	Hammond
Monroe, Lena,	Sullivan
Montgomery, Edith,	Decatur
Moore, Ethel Fae,	Decatur
Moore, Sarah E.,	Owensville, Ind.
Morrow, Mrs. C. A.,	Decatur
Mosbarger, Vivian,	Decatur
Munch, Twila,	Weldon
Murfin, Eunice B.,	Patoka
Myers, M. Emma,	Assumption
Myers, Eunice,	Decatur
Myers, Marie,	Decatur
Nalefski, Helen, E.,	Decatur
Nelson, Severina,	Decatur
Oliver, Madge,	Decatur
Page, Henrietta,	Decatur
Pannwitt, Ada,	Decatur
Parker, Hannah,	Decatur
Peck, Hazel Evelyn,	Cerro Gordo
Phillis, Gertrude,	Decatur
Plunkett, Etta,	Decatur
Powers, Dessie,	Decatur
Powers, Margery,	Decatur
Randol, Ethel,	Cushman
Redmon, Martha,	Decatur
Reedy, Helen,	Decatur
Reedy, May,	Decatur
Rickard, Mrs. Lola,	Decatur
Riggs, Mable,	Decatur
Robinson, Helen Alice,	Decatur
Roby, Helen,	Decatur
Rogers, Della,	Findlay
Rosenberry, Ethel,	Okmulgee, Okla.
Sampson, Faith,	Decatur
Sayers, Margaret,	Illiopolis
Schafer, Olive,	Reno
Schlegel, Bertha,	Decatur
Schreeb, Margaret,	Utica
Seifried, Ruth H.,	Georgetown, Colo.
Shaffer, Edythe Jane,	Weldon
Shively, Fleta,	Macon
Shurtz, Leonard,	Decatur
Sloan, Lulu,	Elwin
Spaeth, Anna,	Decatur
Starr, E. Velma,	Bethany
Starr, Grace,	Decatur
Stewart, Mrs. L.,	Decatur
Stewart, Myrtle,	Decatur
Stoddard, William,	Decatur
Stowell, Annie,	Hannibal, Mo.
Syfert, Laura Belle,	Findlay
Thomas, Pearl,	Altamont
Trautman, Jeannette,	Decatur
Tomlinson, William,	Decatur
Tucker, Martha,	Decatur
Ullrich, Mrs. John,	Pana
Wacaser, Marie,	Decatur
Wakefield, Mona,	Latham
Wakefield, Verna,	Latham
Walker, Mabel Bernice,	Bethany
Walters, Mrs. C. C.,	Decatur
Weatherholt, Maud,	Atwood
Wheeler, Chester,	Decatur
Whitsel, Lucy,	Decatur
Whittemore, Inez,	Decatur
Wikoff, Ethel,	Maroa
Wilkinson, Helen E.,	Bethany
Wilson, Adeline,	Owensville, Ind.
Wise, Kittie,	Decatur
Wolf, Lottie,	Sullivan
Wood, Elsie Mable,	Decatur
Wright, Ferne,	Sullivan
Wright, Minnie,	Sullivan

—183

Elementary

Aikin, Donald,	Decatur
Allen, Corinne,	Decatur

Andrews, Evelynn,	Decatur
Andrews, Paul,	Decatur
Armstrong, Frances,	Decatur
Ayers, Ruth,	Decatur
Baker, Russell,	Decatur
Britton, Ethel,	Mt. Zion
Cash, Beatrice,	Decatur
Clesson, Florence,	Decatur
Connard, Theodora,	Decatur
Crain, Archie,	Moweaqua
Davis, Charlotte,	Decatur
Davis, Dorothy,	Decatur
Dawson, Dorothy,	Decatur
Deakins, Freeda,	Decatur
Donahue, Ruth,	Decatur
Dooley, John,	Decatur
Downey, Verna,	Decatur
Drake, Mary Louise,	Decatur
Durning, Juanita,	Mt. Zion
Eaton, Cyril,	Decatur
Eaton, Pauline,	Decatur
Ferris, Eleanor,	Decatur
Frahlman, Lydia,	Decatur
Garver, Marguerite,	Decatur
Gleeson, Gertrude,	Decatur
Glessner, Harold,	Decatur
Glose, Ralph,	Decatur
Gushard, Louise,	Decatur
Hawkins, Mary,	Decatur
Henton, Helen,	Decatur
Holman, Grace,	Decatur
Holman, Park,	Decatur
Holman, Reva,	Decatur
Hunt, Virginia,	Decatur
Irving, Edwina,	Decatur
Lucas, Lillian,	Decatur
Lyon, Eunice,	Decatur
Lyon, William,	Decatur
McCalman, Helen,	Decatur
McGavic, Geraldine,	Decatur
Madden, George,	Decatur
Miller, Gladys,	Decatur
Morse, Dora Dell,	Decatur
Myers, Irene,	Decatur
Myers, Pauline,	Decatur
Myers, Velma,	Decatur
Oehler, Esther,	Decatur
Otta, Mariel,	Decatur
Owen, Honore,	Decatur
Parr, Richard Arnold,	Decatur
Patterson, Bessie,	Decatur
Patterson, Dora,	Decatur
Pettus, Irma,	Decatur
Phillis, Gladys,	Decatur
Pinkne[illegible] Kathryn,	Decatur
Price, Mildred,	Decatur
Randolph, Virginia,	Decatur
Shafer, Maurita,	Decatur
Shaw, Leslie,	Decatur
Shuey, Pauline,	Decatur
Shumard, Helen,	Decatur
Shumard, Ruth,	Decatur
Smith, Clarence,	Decatur
Spaeth, Antoinette,	Decatur
Stevenson, Shirley,	Decatur
Stollard, Mildred,	Decatur
Stouffer, Helen,	Decatur
Stouffer, Ernest,	Decatur
Travis, Mildred,	Mt. Zion
Turner, Dorothy,	Decatur
Turner, Mary,	Decatur
Wacaser, Mable,	Decatur
Walters, Ruth,	Decatur
Weber, Marie,	Decatur
White, Isabel,	Decatur
Wilson, Cordelia,	Decatur
Wilson, Dean,	Decatur
Wilson, Lorraine,	Decatur
Wolfe, Eleanor,	Decatur
Wood, Annetta,	Decatur
Yantis, Ferne,	Decatur
Zorn, Hellice,	Stonington
Zorn, Lucy,	Stonington

—85

Piano Technic Special

Bergen, James,	Decatur

—1

Artist-Accompanist Course

Rose, Edith,	Decatur

—1

Voice

Collegiate

Busher, W. Curtis,	Decatur
Cash, Arley,	Decatur
Chesebro, Lillian,	Taylorville
Childs, Marie,	Decatur
Clark, Lynn,	Decatur
Cole, Harold A.,	Decatur
Connard, Nellie,	Decatur
Corrington, Eula,	Decatur
Council, Norma,	Decatur
Davis, Edwin,	Decatur
DuHadway, Estelle,	Jerseyville
Eddy, Hazel,	Shelbyville
Faught, Juanita,	Shelbyville
Freyburger, Margaret Verl,	Decatur
Fribley, Mrs. C. M.,	Pana
Gates, Donald W.,	Springfield
Gelsthorp, Edna,	Beason
Gernand, Mary Emily,	Rossville
Green, Fredarieka,	Morrisonville
Hall, Minerva,	Decatur
Heath, Lillian,	White Heath
Hederick, Irma,	Auburn
Hudson, Ellis,	Beirut, Syria
Knowles, Clinton B.,	Decatur
Lindsey, Richard Vernon,	Decatur
Lomison, Ono Beulah,	Decatur
MacAdams, Fay,	St. Louis, Mo.
McClintock, Lucy,	Decatur
Mills, Hazel W.,	Ivesdale
Parker, Lois,	Decatur
Reynolds, Hattie B.,	Decatur
Rice, Marie Davenport,	New York, N. Y.
Schenck, Edith R.,	Maroa
Schroll, Eleanor,	Decatur
Scott, Marie,	Bethany
Seifried, Ruth,	Georgetown, Colo.
Shipp, Dona,	Paris
Sleeter, Viola,	Decatur
Stevenson, Mary J. C.,	Butte, Mont.
Thrift, Grace,	Forsythe
Tobey, Eileen,	Decatur
Wasson, Lois,	Decatur
Weatherby, Lucile,	Decatur
Wilkins, Daisy,	Decatur
Wilson, Fannie Davenport,	Decatur
Wise, Ralph R.,	Decatur

—46

Academic

Aikin, Bessie,	Decatur
Allen, Marie,	Harristown
Ater, Gladys,	Cisco
Ayars, Mabel Clare,	Moweaqua
Baumann, Grace,	Milmine
Bean, John,	Decatur
Bell, Ava Lucinda,	Decatur
Betts, Blanche,	Arthur
Bachman, Estella,	Decatur
Bailey, Leo F.,	Boody
Baker, Flora,	Decatur
Baker, Frances,	Biggsville
Barber, Edythe,	Decatur
Bell, U. Radcliffe,	Versailles
Benton, Edna,	Forsyth
Booth, Melba,	Decatur
Bryant, Estelle,	Decatur
Bryson, Matilda Ann,	Lake Fork
Burks, Helen,	Decatur
Busher, Ira,	Decatur
Casey, Harriett,	Moweaqua
Coombes, Amy,	Bethany
Cooper, Rita,	Decatur
Corbin, Rose,	Sullivan
Coughlin, Gertrude,	Decatur
Creech, Hilda M.,	Decatur
Crowder, Florence,	Bethany
Croy, C. May,	Decatur
Crumbaker, Clarence,	Bloomington
Cushing, Madge,	Decatur
Davis, Haldeen,	Decatur
Davis, Andrew,	Bethany

Deakins, Helen F.,	Decatur
DeMoulin, Adele M.,	Greenville
Drobisch, Mollie,	Decatur
Fesler, Edna,	Decatur
Foster, Kathleen,	Decatur
Garman, Ethel,	Bethany
Gibson, Ethel,	Homer
Gilman, Gladys,	Harristown
Graybill, Clara,	Decatur
Graybill, Fay,	Decatur
Hannon, Grace,	Geneseo
Haslam, Julia,	Moweaqua
Hauser, Evelyn,	Evanston
Hawver, Paul,	Decatur
Hershey, Helen,	Stonington
Hoyt, Blanche,	Decatur
Humphrey, Bonnie,	Decatur
Hunt, Madge,	Decatur
Hurd, Pauline,	Decatur
Irvin, Roy,	Patoka
Kell, Nelle,	Mt. Vernon
Kenney, Frances,	Broadlands
Kenney, Helen,	Broadlands
Klamer, Anna,	Nokomis
Kreasan, Shirley,	Champaign
Lane, Flora,	Chicago
Leach, Nola,	Atwater
Lillich, George,	Latham
Lindamood, William,	Decatur
Ling, Irene,	Decatur
MacWhorter, Kyle,	Decatur
McCay, Chancery Cliffton,	Forsyth
McClelland, Marian,	Decatur
McClure, Francis,	Bement
McDermott, Fleta Downing,	Decatur
McIntosh, Blanche E.,	Cisco
McKennan, Mary,	Paris
Maris, John,	Decatur
Mattes, Violet E.,	Decatur
May, Edith,	Decatur
May, Fred,	Mt. Zion
Meeker, Lloyd,	Decatur
Meyer, Henrietta,	Columbia City, Ind.
Mill, Robert C.,	Decatur
Millikin, Pauline,	Decatur
Moffett, Wilna,	Boody
Monson, Lillian Lauretta,	Decatur
Moody, Harriet,	Dalton City,
Myers, M. Emma,	Assumption
Oliver, LaVon Ellen,	Clinton
Parker, Lucile,	Midland City
Peck, Gertrude,	Edgewood
Phillips, Anna Marie,	Decatur
Pritchett, Carl W.,	Niantic,
Roach, Mary Margaret,	Danvers
Robbins, Pearl Mae,	Niantic
Roblee, Lowell,	Decatur
Rodgers, Norma,	Decatur
Schafer, Olive,	Reno
Shaw, Genevieve,	Maroa
Shaw, Ivra,	Decatur
Shaw, Lauren,	Decatur
Smith, Mary,	Wheeler
Staley, Lloyd A.,	Laomi
Stowell, Annie,	Hannibal, Mo.
Swanson, Ruth,	Decatur
Syers, Ethel,	Decatur
Thompson, Ollye,	Water Valley, Ky.
Tohill, Opal Donna,	Bethany
Ullrich, Mrs. John,	Pana
Underwood, Dessie,	Decatur
Walker, Mabel Bernice,	Bethany
Weatherholt, Maud,	Atwood
Weilepp, Laura,	Decatur
Westervelt, Helen,	Decatur
Westervelt, Barton H.,	Decatur
Wicks, Anna M.,	Decatur
Wilson, Adeline,	Owensville, Ind.
Wolf, Lottie,	Sullivan
Wright, Ferne,	Sullivan
Wright, Minnie,	Sullivan

—113

Vocal Diction

Burks, Helen,	Decatur
Childs, Edna,	Decatur
Cole, Harold A.,	Decatur
Freyburger, Verl,	Decatur

Gernand, Emily,	Rossville
Primm, Ethel M.,	Hannibal, Mo.
Reynolds, Mrs. Leroy,	Decatur
Seifried, Ruth,	Georgetown, Colo.
Sleeter, Viola,	Decatur
Wasson, Lois,	Decatur
Weatherby, Lucile,	Decatur
Wilson, Fannie Davenport,	Decatur

—12

Conducting

Eddy, Hazel,	Shelbyville

—1

Choral Classes

University Glee Club	27
Girls' Glee Club	30

—57

Violin

Collegiate

Bullard, Ruth,	Decatur
Hemenway, Mary,	DeKalb Junction, N. Y.
Keagle, Reva,	Maroa
Lavery, Ruth,	Decatur
Oehler, Walter,	Decatur
Pritchett, Oscar,	Niantic
Russell, Carl,	Decatur
Sargent, Ella,	Windsor

—8

Academic

Baker, Nina,	Irving
Betts, Rilda,	Arthur
Chambers, Margaret,	New Holland
Coartney, Mary,	Ashmore
Crowder, Mayme,	Bethany
Dolly, Grace,	LeRoy
Duncan, Berenice,	Windsor
Faught, Eva,	Decatur
Ford, Hester M.,	Illiopolis
Fuchs, Emil,	Decatur
Gernand, Mary Emily,	Rossville
Godwin, Lois,	Decatur
Hamman, Arden,	Decatur
Haslam, Julia,	Moweaqua
Heyne, William,	Decatur
Hill, Roy,	Decatur
Jacobsen, George,	Niantic
Kile, Gladys,	Argenta
Livingston, Walter A.,	Decatur
Montgomery, Donald,	Decatur
Odor, Troy,	Decatur
Quickel, Claude,	Decatur
Raupp, Cressie,	Decatur
Reed, Lester,	Argenta
Rogers, Frances,	Findlay
Schien, Clarence,	Clinton
Shafer, Margarite,	Decatur
Sharlock, Otto,	Decatur
Stewart, Mildred,	Moweaqua
Stoddart, Samuel,	Decatur
Stuart, Melvin,	Oakley
Ward, William,	Decatur

—32

Elementary

Armstrong, Frances,	Decatur
Bachman, Charlotte,	Decatur
Baker, Josephine,	Arthur
Bonifield, Alice,	Decatur
Brown, Harold,	Los Angeles, Cal.
Clapper, Frances,	Moweaqua
Cowen, Nira,	Harristown
Dooley, William,	Decatur
Durning, Helen,	Mt. Zion
Lynan, John,	Decatur
O'Hara, Howard,	Decatur
Ryan, Helen,	Decatur
Stansul, Anna,	Decatur
Stansul, Ida,	Decatur

—14

Viola

Bartlett, Deral,	Decatur
Jordan, Herbert,	Decatur

—2

Cello

Childs, Edna,	Decatur

—1

Cornet

Smith, George.	Omro, Wis.

—1

Pipe-Organ

Collegiate

Gebhart, Nellie,	Decatur
Sewell, Augusta,	Monticello

—2

Academic

Burns, Sadie,	Niantic
Pires, Mrs. E. C.,	Taylorville
Rodgers, Norma K.,	Decatur
Rosenberry, Ethel,	Okmulgee, Okla.

—4

Elementary

Cooper, Maude S.,	Monticello
Evans, Marie,	Decatur
Kelley, Minnie,	Decatur
McDavid, Clythera,	Hillsboro
Montgomery, Miriam,	Decatur
Munch, Adah,	Weldon
Otto, Sister,	Decatur
Williams, Fern,	Enid, Okla.

—8

Classes in Theoretic, Scientific and Historic Courses

Summary of Students taking regular class work in the subjects indicated, in addition to work in practic music subjects.

Harmony	218
Musical Form and Analysis	10
History of Music	110
Ear Training and Sight Readnig	172
Piano Teachers' Training	32
Psychology in its Relation to Music	18
Public School Music Methods	4
Appreciation of Music and Public Performance	186
	850

The names which follow are those taking private lessons or special work in harmony.

Chesebro, Lillian,	Taylorville
Childs, Marie,	Decatur
Corbin, Rose,	Sullivan
Eddy, Hazel,	Shelbyville
Faught, Juanita,	Shelbyville
Fisher, Olive M.,	Bement
Gilman, Gladys,	Harristown
Hederick, Irma,	Auburn
Hoffheins, Gladys,	Bement
Keagle, Reva,	Maroa
Kenney, Frances,	Broadlands
Kenney, Helen,	Broadlands
Lewis, Eleanor,	Decatur
Monroe, Lena,	Sullivan
Rogers, Ora,	Petersburg
Stewart, Mrs. Louis,	Decatur
Stewart, Myrtle,	Decatur
Wasson, Iva,	Decatur

—18

Teachers' Training Courses

This includes normal training of piano, voice and public school music teachers.

Averitt, Sarah,	Niantic
Chesebro, Lillian,	Taylorville
Corbin, Rose,	Sullivan
Croy, May,	Decatur
Donovan, Wm. Everett,	Decatur
Evans, Marie,	Decatur
Faith, Nira,	Illiopolis
Fisher, Olive,	Bement
Ford, Sadie,	Arcola
Fribley, Mrs. C. M.,	Pana
Gernand, Mary Emily,	Rossville
Hederick, Irma,	Auburn
Hoffheins, Gladys,	Bement
Jensen, Frieda,	Decatur
Leach, Nola,	Atwater
Lindsey, Richard Vernon,	Decatur
Lomison, Ona Beulah,	Decatur
McClintock, Lucy,	Decatur
McDaniel, Lena,	Assumption
McNabb, Anna W.,	Decatur
Montgomerv Ethel,	Edinburg
Munch, Adah,	Weldon
Munson, Corinne,	Arcola
Plunkett, Etta,	Decatur
Primm, Ethel,	Hannibal, Mo.
Reynolds, Hattie B.,	Decatur
Rodgers, Norma,	Decatur
Shipp, Dona,	Paris
Stratton, Rose,	Hoopeston
Votaw, Lillian,	Decatur
Wasson, Lois,	Decatur
Weatherby, Lucile,	Decatur
Wiley, Wilna,	Camargo
Williams, Ferne,	Enid, Okla.
Williams, Ila,	Decatur
Yondorf, Hazel,	Decatur

—36

SUMMARY OF ATTENDANCE

College:						
Post Graduates						
Candidates for Degrees			7			
Not Candidates for Degrees			11	18		
Seniors				39		
Juniors				58		
Sophomores				81		
Freshmen				161		
Specials						
Chemistry			1			
Commerce and Finance			2			
Domestic Art			3			
Domestic Economy			6			
Domestic Science			11			
Engineering			1			
English			19			
Fine and Applied Arts			5			
Keramics			6			
Modern Languages			2			
Pedagogy			6	62		
					419	
Academy:						
Fourth Year				35		
Third Year				49		
Second Year				29		
First Year				27		
Specials						
Domestic Art			3			
Domestic Economy			4			
Domestic Science			9			
English			5			
Fine and Applied Arts			5			
Keramics			6			
Pedagogy			1			
Vocal Expression			2	35		
					175	594
Conservatory of Music:						
Practical Courses:						
Private						
Piano	113*	183*	85*	381		
Piano Technic Specials			1	1		
Artist Accompanist	1			1		
Voice	46	113		159		
Vocal Diction	12			12		
Conducting	1			1		
Violin	8	32	14	54		
Viola		2		2		
Cello		1		1		
Pipe-Organ	2	4	8	14		
Cornet		1		1		
					627	
Class						
Choral				57		
Orchestral				18		
					75	
Theoretic, Scientific, Historic and Teachers' Training Courses:						
Private				18		
Class				850		
					868	
					1570	
Less Duplicates Choral, Orchestral, Theoretical, etc.					964	
						606
						1200
Less enrolled also in Conservatory of Music						99
Total Enrollment						1101

*Collegiate, Academic and Elementary courses respectively.

THE ALUMNI

NOTE.—The graduates of the institution will confer a favor on us by promptly notifying the office of changes in their location or business.

Officers of the Association—

E. Starr Cole, President.

Edgar D. Morrow, Vice President.

Anne M. Boyd, Secretary and Treasurer.

Class of 1904.

Robert W. Keeton, B.S. with Pedagogy, Assistant in Physiology, University of Illinois, Urbana, Ill.

Edward L. King, A.B. (See Class of 1905).

Florence L. Lyon, B.S. with Pedagogy, Teacher English, High School, Kankakee, Ill.

Class of 1905.

Golda Mae Atlass, A.B., (Mrs. Isadore A. Wallins) Decatur, Ill.

Alice A. Baker, A.B., (Mrs. Forrest File) Decatur, Ill.

Emma L. Baker, B.S., with Pedagogy, Instructor Keramics, Decatur College and Industrial School.

Edward L. King, B.S. with Pedagogy, Principal High School, Macomb, Ill.

Ada Emilie Lindsay, A.B., Secretary Conservatory of Music, Decatur College and Industrial School.

Lucy W. Penhallegon, B.S. with Pedagogy, (Mrs. O. C. Montgomery) Los Angeles, Cal.

Charles F. Record, A.B., Pastor Presbyterian Church, Centralia, Ill.

John F. Schudel, A.B., Laundry Business, Decatur, Ill.

Iva M. Still, A.B., Decatur, Ill.

Class of 1906.

Ralph S. Bauer, A.M., Professor Latin, College of Montana, Deer Lodge, Mon.

Anne Morris Boyd, A.B. with Library Science, Librarian, Decatur College and Industrial School.

Earle Ruskin Bryant, A.B. (See Class of 1910).

Estella Esther Bryant, A.B. with Library Science, Assistant Pastor, Second Presbyterian Church, Decatur, Ill.

Ella M. Cockrell, B.S. with Pedagogy. (See Class of 1907.)

E. W. Doran, A.M. with Pedagogy, Professor of Biology, State Agricultural School, Magnolia, Ark.

Florence M. Jones, A.B., (Mrs. C. P. Summers) Springfield, Ill.

William Ray McGaughey, A.B., Cashier Mt. Zion Bank, Mt. Zion, Ill.

Trenna June Miller, A.B., (Mrs. George G. Taylor) Madison, Wis.

James David Moses, B.S. in Commerce and Finance, with Peters Hardware Co., Emporia, Kans.

Anna Belle Uhler, A.B., Teacher, Arcola, Ill.

John George Wozencraft, A. B., Pastor Presbyterian Church, Walthill, Neb.

Ethel Margaret Yanders, A.B., (Mrs. Ralph Foster) Substitute Teacher, Public Schools, Newark, Ohio.

Class of 1907.

Ellis Edwin Bankson, B.S. in Civil Engineering, Instructor Civil Engineering, University of Pittsburgh, Pittsburgh, Pa.

Orris Bennett, B.S. in Commerce and Finance, Hardware Business, Lakeview, Ore.

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DECENNIAL CATALOG NUMBER

The
James Millikin University Bulletin

DECATUR COLLEGE

1912-1913

With Announcements for 1913-1914

1901

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CALENDAR FOR 1913-1914

FIRST SEMESTER

The First Semester opens September 16, 1913.
Second Half, First Semester, begins November 18.
Thanksgiving Vacation includes Thursday, Friday and Saturday, Nov. 27-29.
Inter-Society Contest, December 12.
Holiday Recess includes December 21 and January 3.
Contest in Dramatic Art, January 9, 1914.
Semester Examinations Tuesday, Wednesday, Thursday, Friday and Saturday, January 27-31, 1914.
First Semester closes January 31.

SECOND SEMESTER

Second Semester opens February 3, 1914.
Contest in Debate and Original Story, February 6.
Second Half, Second Semester, begins April 6.
Easter Vacation, Friday, Saturday, and Monday, April 10-13.
Millikin-Knox Freshman Debate, May 7, 1914.
Founder's Day, May 13.
Decoration Day, May 30, Holiday.
Semester Examinations, Monday, Tuesday, Wednesday, Thursday and Friday, June 8-12.
Second Semester closes June 16, 1914.

Commencement week:

Annual Exhibit, Technical and Scientific Departments, June 12, afternoon and evening.
Graduating Exercises of the Academy, June 13, morning.
Annual Entertainment in Dramatic Art, June 13, evening.
Baccalaureate Service, Sunday, June 14, morning.
Field Day, Monday, June 15.
Class Day, Monday, June 15.
Annual Concert, School of Music, June 15, evening.
Commencement Day, Tuesday, June 16.
    Graduating Exercises of the College, morning.
    Alumni Reception and Banquet, noon.

The James Millikin University Bulletin

DECATUR COLLEGE AND INDUSTRIAL SCHOOL

VOLUME X DECATUR, ILL., MAY, 1913 NUMBER 3

TABLE OF CONTENTS

- Academy
  - Organization of ... 50
  - Conditions of Admission ... 50
  - Courses ... 50
- Admission, College, Conditions of. 8, 9
- Advanced Standing ... 9
- Alumni, Addresses of ... 76
- Aston Hall ... 56
- Athletics ... 41, 55, 56, 58
- Attendance, Summary of ... 76
- Bible Study ...
  - Academy ... 53
  - College ... 20
- Board of Managers ... 4
- Board of Trustees ... 4
- Boarding ... 60
- Buildings and Grounds ... 56, 58
- Calendar ... 2
- Campus ... 58
- Certificates
  - Apprentice ... 25
  - Fine and Applied Arts ... 33
  - Music ... 44
- Chapel Attendance ... 65
- China Painting ... 35
- Church Attendance ... 62
- Collaterals ... 65
- College, Organization of ... 8
- Commutation Tickets ... 60
- Concerts ... 46
- Contests ... 65
- Courses of Study
  - Applied Arts ... 32, 54
  - Domestic Economy ... 28
    - Domestic Art ... 30, 54
    - Domestic Science ... 29, 54
  - Commerce and Finance ... 55
  - Electives ... 11, 26, 28, 30, 31, 50, 53
  - Electives, Rules ... 66
  - Engineering ... 24
    - Civil ... 26
    - Electrical ... 24
    - Mechanical ... 24
    - Apprenticeships ... 25
  - Fine Arts ... 32
  - Keramics ... 35
  - Liberal Arts ... 10
  - Library Science ... 38
  - Manual Training ... 41, 53
  - Music ... 43
  - Pedagogy ... 40
  - Physical Training ... 41, 55
- Credits, etc.. ... 66
- Degrees ... 42
  - Bachelor's ... 10, 24, 28, 32, 36, 38, 45
  - Master's ... 42
- Departments of
  - Ancient Languages ... 12, 51
  - Bible History and Literature ... 20, 53
  - Biology ... 12, 53
  - Chemistry ... 20, 52
  - Domestic Art ... 30, 54
  - Domestic Science ... 29, 54
  - English Language ... 13, 51
  - English Literature ... 13, 51
  - History and Political Science .. 15, 52
  - Manual Training ... 41, 53
  - Mathematics ... 14, 52
  - Music Teaching ... 46
  - Modern Languages ... 16, 51
  - Philosophy ... 11
  - Physics ... 20, 52
  - Public Speaking ... 14
  - Vocal Expression ... 14
- Diplomas in Music ... 44
- Dormitory (see Aston Hall) ... 56
- Drawing ... 32, 54
- Entertainment, Course of ... 62
- Equipment ... 58
- Examinations and Standings ... 65
- Expenses ... 60
- Faculty, List of ... 5
- Fees ... 60
  - Academy ... 60
  - Aston Hall ... 56
  - College ... 60
  - Keramics ... 35
  - Laboratory ... 60
  - Music ... 48
- Fellowships ... 60
- General Information ... 56
- Gifts to the College ... 66
- Government ... 64
- Graduate Courses ... 42
- Intercollegiate Contests ... 65
- Keramics ... 35
- Lecture Course ... 62
- Library ... 58
- List of Students ... 67
- Matriculation ... 65
- Memoranda in General ... 64
- Outside Work ... 65
- Prizes ... 62
- Publications ... 65
- Purpose of the College ... 4
- Physical Training ... 41, 55
- Recitals ... 46
- Required Hours ... 65
- Regulations (see Memoranda) ...
- Rooms ... 60
- Scholarships ... 60
- Scholastic Honors ... 64
- Schools of
  - Commerce and Finance ... 36
  - Domestic Economy ... 28
  - Engineering ... 24
  - Fine and Applied Arts ... 32
  - Liberal Arts ... 10
  - Library Science ... 38
  - Music ... 43
  - Pedagogy ... 40
- Societies, etc. ... 62
- Students, List of ... 67
- Student Organizations ... 62
- Teachers' Training Classes ... 62
- Theses ... 42

HISTORY AND ORGANIZATION

On May 13, 1900, Mr. James Millikin made a formal proposition to establish an institution of learning in the city of Decatur, Illinois, under conditions which were met early in the following year by the citizens of Decatur and the Synods of Indiana, Illinois and Iowa of the Cumberland Presbyterian Church. After some negotiations the charter of Lincoln University, Illinois, was amended, April 30, 1901, so as to provide that its name should change to Lincoln College and that it, together with the proposed Decatur College and Industrial School, should constitute The James Millikin University as its legal successor, with the provision that each college should be governed by a local Board of Managers appointed by the Board of Trustees, in conjunction with the President of the University.

Though by the merger of the Cumberland Presbyterian Church and the Presbyterian Church, U. S. A., it is now under the general supervision of the Synods of the latter in the states named, its internal management, under the conditions of its founding, is non-sectarian.

The first group of four buildings at Decatur was dedicated on June 4, 1903, the dedicatory address being delivered by President Theodore Roosevelt. The College opened its doors to students on September 15, 1903. The total enrollment for the year was 712. This has steadily grown, making a rare record in the history of institutions of learning.

In accordance with the desire of its founder, the Decatur College and Industrial School organized with a view to provide instruction not only in the usual academic and collegiate subjects, but also as far as possible, in those industrial, technical, commercial and art lines for which there is now such urgent demand. It was his purpose to establish an institution of learning where, at the least possible expense, all classes of young men and women might secure an education that would fit them for entering at once and successfully upon some honorable vocation in life.

The organization includes (1) the Academy or Preparatory School, with the usual preparatory courses and a generous line of electives for those who wish to take instruction in manual training, in the industrial arts, etc.; (2) the College proper, which offers courses in the liberal arts, engineering, fine arts, domestic economy, music, commerce and finance, pedagogy and library science. See advance pages for details concerning admission, courses of study, etc.

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Albert R. Taylor, President, Philosophy, Ethics, and Pedagogy.—Lincoln University, Ph.B. 1872, Ph.D. 1882; Cumberland University, LL.D. 1906; Professor Natural Science, Lincoln University, 1872-1882; President State Normal School of Kansas, 1882-1901.

James D. Rogers, Dean of the College and of the School of Liberal Arts, Ancient Languages.—Utica Academy, 1885; Hamilton College, A.B. 1889; Columbia University, A.M. 1893, Ph.D. 1894; University of Berlin and American School at Athens, 1894-1896; Fellow in Columbia University, 1892-1894; Fellow by courtesy, Johns Hopkins University, 1896; Principal Boonville, N. Y., Academy, 1889-1892; Lecturer in Greek, Columbia University, 1896-1903.

Thomas W. Galloway, Secretary of the Faculty, Biology.—Cumberland University, A.B. 1887; A.M. 1889, Ph.D. 1892; Harvard University, A.M. 1890; Natural History Sciences, Baird College, Mo., 1887-1889; Professor Biology, Missouri Valley College, 1889-1902, Dean (ibid.) 1898-1902.

Albert T. Mills, History and Political Science.—State Normal School of Kansas, 1893, also 1896; University of Michigan, Ph.B. 1899, A.M. 1908; University of Chicago, Graduate Student, 1899; Lincoln and Jefferson University, LL.B., 1912; Assistant Model Department Kansas State Normal School, 1895-1896; Instructor and Professor of History and Civil Government, North Dakota State Agricultural College, 1899-1903.

Robert J. Kellogg, Modern Languages.—Cornell University, A.B. 1891, Ph.D. 1896; Fellow in Comparative Philology, 1892-1893; Teacher Languages, Cascadilla School, 1891-1893; Ithaca High School, 1895-1896; Instructor in Greek, Colgate Academy, 1896-1897; Professor of Greek, Richmond, Virginia, College, 1897-1901; Instructor in Modern Languages, Jones Summer School, 1895-1896 and 1898-1903.

Eugene Cyrus Woodruff, Electrical Engineering.—University of Michigan, B.S. 1894, M.S. 1896, Ph.D. 1900; Ann Arbor University School of Music, Pipe Organ, 1896; Teacher of Sciences in High Schools, Michigan, Chicago, etc.; Instructor in Chemistry, Montana State College, 1900-1901.

Grace Patten Conant, English Language and Literature.—Bates College, A.B. 1893; Cornell, A.M. 1897; Fellow in English, Cornell and University of Chicago, 1898 and 1899, respectively; Instructor in English, Vermont Academy, 1893-1896, and Woman's College, Baltimore, 1900; Associate Professor English, (ibid.) 1901-1904; Professor of English, Western College, Ohio, 1905-1906.

Benjamin B. James, Principal of the Academy, Physics.—Northwestern University, A.M. 1884; N. W. University and University of Chicago, post-graduate work, 1893-1894 and 1899-1901; Principal high school and teacher of Physics, Evanston and Joliet; Professor of Physics, Racine College and State Normal School, St. Cloud, Minn.

Lorell M. Cole, Manual Training.—Colby High School, 1889; Stout Manual Training School for Teachers, full course, 1906; Teacher in Wisconsin Graded and High Schools, 1889-1901; Assistant Stout Manual Training School, 1901-1902; Director of Manual Training, Dunn County School of Agriculture, 1902-1906.

John C. Hessler, Chemistry.—University of Chicago, A.B. 1896; University of Chicago, Ph.D. 1899; Instructor in Science, Lake High School, Chicago, 1890-1892; Instructor in Chemistry, Hyde Park High School, Chicago, 1892-1899; Instructor in Chemistry, University of Chicago, 1899-1907.

Binney Gunnison, Public Speaking.—Harvard University, A.B. 1886; Diploma from Crozier Theological Seminary, 1890; School of Expression, Boston, 1894, 1898, 1907; Instructor in Elocution and English Composition, Brooklyn Polytechnic Institute, 1893; Worcester Academy, 1894-1896; Instructor in Elocution, St. John's Ecclesiastical Seminary (R. C.), Boston, 1897-1898; Instructor in Public Speaking, Harvard University, 1905-1906; Instructor in School of Expression, 1897-1907; Jones Instructor of Elocution, Andover Theological Seminary, 1900-1907.

William Wilberforce Smith, Commerce and Finance.—Lafayette College, A.B. 1880; LL.D. 1905; Princeton Theological Seminary, 1880-1882; Summer courses in United States and Europe; Latin Master, Hill School, Pottstown, Pa., 1882-1883; Teacher Latin and Mathematics, Lawrenceville (N.J.) School, Green Foundation, 1883-1886; Headmaster, Englewood (N.J.) School for Boys, 1886-1896; Headmaster, Berkeley School, New York City, 1904-1905; President Coe College and Professor of Economics and Sociology, Cedar Rapids, Iowa, 1905-1908.

Theophile James Meek, Biblical History and Literature.—University of Toronto, A.B. 1903; Graduate student, University of Toronto and Knox College, Toronto, 1903-1904; The McCormick Theological Seminary, 1904-1906; Nettie F. McCormick Traveling Fellow in Hebrew, 1906-1908; University of Marburg, 1906; University of Berlin, 1906-1908; Ph.D. in Semitics completed except examination; American School of Oriental Study and Research, Jerusalem, 1908; McCormick Theological Seminary, B.D. 1909.

Walter J. Risley, Mathematics.—University of Michigan, B.S. 1900; University of Illinois, A.M. 1907; Harvard University, A.M. 1908; Instructor in Mathematics and Physics, Joliet Township High School, 1900-1903; Instructor in Mathematics, Armour Institute of Technology, 1903-1905, University of Illinois, 1905-1907, and Harvard University, 1909-1910.

James Newton Ashmore, Director of Physical Training.—Lincoln (Ill.) College, 1899-1902; University of Illinois, special course in physical training, 1902-1903; Y. M. C. A. Summer School for Physical Directors, 1901; Physical Director, Washington State College, 1903-1904; The James Millikin University, Decatur, 1904-1907; and Western Maryland College, 1907-1909.

Isabella T. Machan, Associate Professor Ancient Languages.—Wellesley College, A.B. 1887; Columbia University, 1902; Wellesley College, A.M. 1905; Teacher Ancient Languages, Franklin School, 1888-1889; Preceptress Hebron Academy, 1889-1898, Ancient Languages and History.

Mabel Dunlap, Domestic Art.—Ohio Normal School and Oswego State Normal School, 1903; Columbia University, diploma in Domestic Art 1906; B.S. 1908; Instructor primary schools three years; Instructor and supervisor North Bennett Industrial School, Boston, 1908-1911.

Edna L. Skinner, Domestic Science.—Michigan State Normal College, diploma, 1901; Teachers' College, Columbia University, B.S. 1908; Teacher and Principal, Woodruff School, Ypsilanti, Michigan, 1901-1903; Instructor in Domestic Science, Teachers' College, 1908-1912.

William M. Hekking, School of Fine and Applied Arts.—Syracuse University, B.P. 1908; Ecole des Beaux Arts, Colarossi, Julian, Pupil of Jean Paul Laurens, Paris; Art Students' League, New York; Winner Hiram Gee Fellowship in Painting, Syracuse, 1908; A.S.L. Scholarship 1908; Atalier Prize, Julian 1909; John Wanamaker Prize 1912; Instructor of Drawing and Illustration, Syracuse, 1911-1912.

Fletcher A. Gould, Civil Engineering.—Michigan Agricultural College, B.S. in C.E., 1907; Post-graduate work at University of Michigan, 1907-1908; Civil Engineer at Owasso, Michigan, 1908-1909; Instructor and Assistant Professor in Civil Engineering, Oregon Agricultural College, Corvallis, 1909-1912.

Lillian Merrill Walker, Dean of Aston Hall.—Oxford College, A.B. 1888; Dean of Holden Hall, Wooster University, 1907-1912.

Faith Hunter Dodge, Associate Professor Romance Languages.—The University of Chicago, Ph.B. 1907; Graduate student, summer terms 1907, 1908, 1911; France and Spain, summer 1909; Instructor in French, Correspondence Department, University of Chicago; Professor of Romance Languages, Adrian College, 1907-1908; Professor Modern Languages, Bell-Austin Institute, Texas, 1908-1910; Lecturer on French Literature, Winona Lake; Instructor Spanish and French, Clarendon College, Summer School, 1910; Professor of Spanish, Wells College, 1910-1911.

Calvert W. Dyer, Secretary.—Cumberland University, A.B. 1900; Lockyear's Business College, Indiana, 1902; Instructor Commerce and Finance, Millikin University, 1903-1911.

Elmer A. Riley, Associate Professor Commerce and Finance.—Baker University, A.B. 1905; University of Chicago, 1905-1908; Ph.D. 1911; Instructor Baker University Academy, 1903-1905; Assistant in History, University of Chicago, 1905-1906; Fellow in University of Chicago, 1906-1908.

Henry Clay Stanley, Assistant Professor Commerce and Finance.—Fairfield College, A.B. 1889; Northwestern (Nebr.) A.M.1896; Fairfield College, M.Acct. 1896; Peru State Normal (Nebr.), State Certificate, 1899-1900; Illinois College of Law, Chicago, LL.B. 1910; J.D. 1912; De Paul University, LL.M. 1913; Principal Harvard High School, 1896-1897; Principal Edgar High School (Nebr.), 1897-1899; Principal Government School of Commerce, 1900-1902; Principal of Brandrup and Nettleton's School of Business, 1903-1905; Whitmore's University of Business, 1905-1906.

Emma L. Baker, Instructor in Keramics.—Lincoln University, B.S. 1900; The James Millikin University, B.S. with Pedagogy, 1905; Art Institute, Chicago, Summer Term, 1905.

Davida McCaslin, Instructor in English.—Coe College, A.B. 1904; Harvard Summer School, 1906; Teacher public schools, 1904-1906; Fellow in English, The James Millikin University, 1907; B.S. with Pedagogy, The James Millikin University, 1907; University of Minnesota, A.M., 1912.

Mollie Grubel, Instructor for Women, Physical Training.—Illinois State Normal University, 1897-1898; University of Wisconsin, Summer Term, 1902; Harvard University, physical training courses, 1903 and 1904; Chautauqua School of Physical Training, 1907; Teacher Decatur Public Schools and private gymnasium classes, 1899-1906; Physical Director, Decatur Y. W. C. A., 1906-1907.

Irene Handlin, Instructor in Fine and Applied Arts.—The James Millikin University, B.S. in F. and A.A. 1907; Graduate student in Fine and Applied Arts, 1907-1908.

Anne Morris Boyd, Librarian and Instructor in Library Science.—The James Millikin University, A.B. with Library Science, 1906; Reference Assistant, Kansas State Agricultural College, 1906-1907; Librarian (ibid.), 1907-1908; Cataloger, St. Louis Public Library, 1909; Children's Librarian, Decatur Public Library, 1909-1910.

Bonnie R. Blackburn, Instructor in English and Modern Languages.—The James Millikin University, A.B., 1908; Assistant Professor Modern Language, Coe College, 1908-1909.

Lucile M. Bragg, Recorder and Instructor in Ancient Languages.—The James Millikin University, A.B. 1909; A.M. 1910; Fellow in Ancient Languages, The James Millikin University, 1910.

Charles C. Wells, Instructor in Mathematics.—Knox College, B.S. 1908; Graduate Student, University of Chicago, summer terms, 1907, 1908, 1909, 1910; Instructor in Mathematics, Wayland Academy (Wis.), 1908-1910; Instructor in Mathematics, Aberdeen High School (S. D.), 1910-1911.

Elizabeth W. Putnam, Instructor in Fine and Applied Arts.—Graduate of The Chicago Art Institute, 1907; Summer School, Chicago Art Institute, 1909, 1910, 1912; School of Painting at Saugatuck, Mich., Summer School, 1911; Practical Experience, The Roycrofters, East Aurora, N. Y., 1908; Instructor, Art Institute, Chicago, 1907, and Summer School 1909, 1910, 1912; Instructor Department of Architecture and Drawing, Kansas State Agricultural College, 1908-1910; Instructor Drawing, High School, Lawrence, Kansas, 1911-1912.

Hazel Witchie, Instructor in English.—University of Minnesota, A.B. 1910; Assistant in Rhetoric Department, Theme Clerk, University of Minnesota, 1910-1912.

Myrtle McDaniel, Assistant Instructor in Domestic Science.—Illinois State Normal University, 1912.

Herman H. Kaeuper, Director Conservatory of Music; Professor of Piano Playing.—Cincinnati College of Music, Harmony, Counterpoint, Composition, Orchestration, Piano, Pipe-organ and Violin Playing, with various masters in Cincinnati, Chicago and New York, 1892-1897; Student of Frank Van Der Stucken, et al.; Instructor Cincinnati College of Music, 1896-1897; Director Conservatory of Music, Wittenberg College, Springfield, Ohio, 1897-1902.

William B. Olds, Professor of the Art of Singing and Theoretical Branches.—Beloit College, Beloit, Wisconsin, A.B. 1898; Oberlin Conservatory, Oberlin, Ohio, 1898-1899, 1905; American Conservatory, Chicago, 1899-1900; Singing, Karleton Hackett; Piano Playing, Victor Garwood; Theory and Composition, Adolph Wiedig; student-Assistant in Voice, Harmony, Composition and Piano Playing, American Conservatory, 1899-1900; Professor Voice Culture, Iowa College, Grinnell, Iowa, 1900-1904; Acting Director Grinnell School of Music, 1903-1904; Director Illinois Conservatory of Music, Jacksonville, Illinois, 1904-1906; Private teaching, Jacksonville, Illinois, 1906-1908.

William Erhart Snyder, Professor of Pipe-Organ Playing and of the Art of Teaching Piano Playing, and Associate Professor of Piano Playing.—Graduate of Detroit Conservatory of Music and Sherwood Music School, Chicago; private study with Theodor Leschetizky in Vienna, Austria, and Professor Robert Fuchs in Vienna Imperial Conservatory; toured United States as concert artist; served four years as Professor of Pipe-Organ and Piano Playing in the Detroit Conservatory and four years in the Sherwood School of Music.

Aage Fredericks, Professor of Violin Playing.—Studied violin with Oscar Smith, Royal Violinist, Copenhagen; concert-master of Royal Danish Orchestra, and with Frederick Schnedler-Peters, violin virtuoso, formerly concert-master of Berlin Philharmonic; harmony with Fondesen and piano with Alexander Nielsh, Copenhagen Conservatory; officiated as concert-master, Royal Orchestra, Copenhagen; toured Russia, Finland and Scandinavia; soloist with Aabo Philharmonic Orchestra, Finland; toured United States three seasons as solo artist; soloist, New Haven May Festival; one of the four founders and directors of the Scandinavia-Finnish School of Music, New York City; private teacher in New York City.

Frederick H. Baker, Associate Professor Piano Playing.—New England Conservatory, Boston, 1893; Royal Conservatory, Leipzig; Post-graduate work with Carl Faelton, Dr. Louis Maas, Mrs. Thomas Tapper et al.; private teacher in Boston, Mass., for several years.

Miner Walden Gallup, Associate Professor of Piano Playing.—Graduated from Virgil Piano School, New York, 1902; private study in Albany, New York, and Berlin, Germany, with Dr. Percy J. Starnes, Alberto Jonas and Vernon Spencer; private teacher, Albany, New York; toured United States as concert pianist.

Florence Gertrude Smith, Associate Professor of the Art of Singing, Sight Reading and Ear Training.—Graduated from Northern Indiana Normal School, Valparaiso, Indiana, 1900; taught singing in Bethany College, Lindsborg, Kansas, 1900-1903; studied privately in Chicago under Signor Arturo Mareschalchi and William Wade Hinshaw; in New York, under Oscar Saenger; graduated from Institute of Musical Art, New York, 1912; harmony with Dr. Percy Goetschius and Daniel Gregory Mason; musical history and appreciation with Waldo S. Pratt and Henry Krehbiel; voice with Mlle. Madeline Walther.

Rose A. Borch, Associate Professor of the Art of Singing and Psychology of Music.—Voice, Julius Stockhausen, Frankfort, Germany, 1898-1902; Raff Conservatory, (ibid.) 1898-1903; theory and sight reading, Adolf Winkelmann; harmony, E. Humperdink; voice, Jenny Hahn; piano, Blanche Schwartz and Adolph Weiss; dramatic art, Joseph Gyurian; Italian, Signor Paravicini; coaching and diction, Emil Paur, Pittsburgh, 1905, and Alexander von Fielitz, Chicago, 1906. Private teacher in Chicago for ten years.

Ada Emilie Lindsay, Secretary Conservatory of Music.—University of Illinois, 1901-1903; The James Millikin University, A.B. 1905; Columbia University, summer of 1912.

Louise Seymour, Instructor in Piano Playing and Harmony.—Diploma as Teacher of Piano Playing, 1911, diploma as Soloist, 1912, New England Conservatory of Music, Boston.

Nellie Gebhart, Instructor in Piano Playing.—Certificate in Piano Playing, 1905; Certificate in Harmony, 1908; diploma in Piano Playing, 1908, The James Millikin University.

Ora Rogers, Instructor in Piano Playing.—Certificate in Harmony, 1906; Piano Teachers' Certificate and Certificate in Piano Playing, 1907; Piano Teachers' Diploma, 1908, The James Millikin University.

Lillie Ashby, Instructor in Piano Playing.—Certificate in Piano Playing, Certificate in Harmony, and Piano Teachers' Certificate, 1907; Piano Teachers' Diploma, 1909, The James Millikin University.

Rose Corbin, Instructor in Piano Playing.—Certificate in Piano Playing, 1911; Certificate as Teacher of Piano Playing, 1912; Certificate in Harmony, 1912; Diploma as Pianist, 1912, The James Millikin University.

Gertrude Darrett Evans, Instructor in Singing, History of Music and Public School Music Methods.—Marshall College; Mme. Rondy's School; American Conservatory, Chicago; voice, Mrs. Grace Dudley Fenton, Mme. Ragna Linne, Karlton Hackett; harmony, Hubbard W. Harris; public school music, O. W. Robinson; Italian, Count Spagari.

Sylvia Fisk, Instructor in Piano Playing.—Certificate in Piano Playing, 1909; Certificate in Harmony, 1910; and Piano Teachers' Certificate, 1911, The James Millikin University.

Ruth Lavery, Instructor in Violin Playing.—Certificate in Violin Playing, 1910; Certificate in Harmony, 1912, The James Millikin University.

George Otto Lillich, Instructor in Piano Playing.—Certificate in Piano Playing, 1909; Piano Teachers' Certificate, 1910; Certificate in Harmony, 1911, The James Millikin University.

Anna Whitmer McNabb, Instructor in Piano Playing.—University of Southern California, Los Angeles; Certificate in Piano Playing, 1907; Certificate in Harmony and Piano Teachers' Certificate, 1910, The James Millikin University.

Rose Stratton, Instructor in Piano Playing.—Private study, Hoopeston and Danville, Ill.; Greer College, Hoopeston, Ill.; Certificate, Washington College of Music, Washington, D. C., 1905; private study with Victor Heinze, Chicago, 1907; Certificate in Piano Playing and as Teacher of Piano Playing, 1912, The James Millikin University.

Robert Walter, Instructor of Orchestral and Band Wind Instruments.—Conductor of Goodman Band of Decatur since 1886.

Grace Wandel, Instructor in Piano Playing.—Certificate in Piano Playing, 1907; Piano Teachers' Certificate, 1910; Certificate in Harmony, 1912; The James Millikin University.

ASSISTANTS

Laura O. Kriege, 1913, Student Assistant in German.

Lucy R. Henderson, 1915, Stenographer.

Stella F. Allen, Assistant Secretary Conservatory of Music.

Frederick F. Joel, 1914, Student Assistant in Chemistry.

Walter F. Rogers, 1913, Student Assistant in Biology.

William F. Henderson, 1914, Student Laboratory Assistant in Chemistry.

Opal D. Riddle, 1914, Student Assistant in Domestic Art.

Charles D. Edick, 1916, Student Laboratory Assistant in Electrical Engineering.

Ann E. Stoker, 1914, Student Assistant in Domestic Science.

Guy R. Rodgers, Student Assistant Instructor in Pattern and Foundry Work.

THE COLLEGE

The College includes the following Schools: Liberal Arts, Engineering, Domestic Economy, Fine and Applied Arts, Commerce and Finance, Library Science, Pedagogy, and Music.

The College courses leading to degrees in all the Schools are four years in length, each year being divided into two semesters.

Except as otherwise stated, regular students carry sixteen hours work per week, and in the four years complete a total of 128 hours exclusive of collaterals. A point, or semester-hour, represents a one-hour lecture or recitation period for one semester. Laboratory hours count one-half or one-third as much as lecture hours as may be specified under individual subjects.

For the completion of the Liberal Arts courses the degree of A. B. is awarded; for the completion of the English-Science course, the degree of B. S.; and for the completion of any of the four-year technical courses as indicated, the B. S. degree with the designation of the School, as Mechanical Engineering, Commerce and Finance, etc.—See the summary of courses under the various schools.

All College students are required to take two years' work in Physical Training, preferably in the freshman and sophomore years.

The degree of Master of Arts is conferred on candidates under conditions specified on page 42.

See rules concerning theses on page 42.

For General Information see page 56.

General Conditions of Admission to the College Proper

The following requirements for admission pertain to all the Schools of the College proper. See page 50 for conditions of admission to the Academy.

Candidates must present certificates of good moral character. If coming from other colleges during the college year, they will present certificates of honorable dismissal from the same.

They will be admitted to the Freshman class on presentation of certificates of graduation from approved University high schools or from schools of corresponding grade.

Candidates will also be admitted on examination. The day preceding and the day of opening of each semester are regular examination days.

Candidates for advanced standing will be admitted on examination or on credits from reputable colleges.

Candidates admitted in accordance with the foregoing regulations will be eligible only to Schools and courses which their high school or other courses have anticipated. They may enter other Schools by making up deficiencies.

Specific Conditions of Admission to the Various Schools of the College

Students desiring to be admitted to the Freshman class from high schools or other secondary schools will be required to submit a certificate of graduation and credits for fifteen units of work in the same as indicated on next page. Blanks for such certification will be furnished on application.

Examinations of other candidates for entrance will be on the same subjects. See the several courses outlined in the Academy for a suggestion of the scope of the examination in each subject.

A unit represents one year's work of thirty-six weeks, five hours per week, of forty minutes each, or the equivalent in laboratory practice.

The subjects named in the first list are required; those in the second, in Italics, are recommended as electives, though others may be elected from the list appended. At least two of the units in foreign language must be in one language only. High school students should be careful to elect subjects preparing specifically for courses they wish to pursue in college.

To School of Liberal Arts

Classical Course

Required:

Algebra	1½	units
English Composition	1	unit
English Literature	2	units
Geometry, Plane	1	unit
History	1	unit
Foreign Languages at least 2 years or all in one language	3	units

Recommended Electives:

Foreign Language	1	unit
Chemistry or Physics	1	unit
Biology, Physiology, Botany or Zoology	1	unit
Civics	½	unit
History United States	½	unit
Physical Geography	½	unit
English or American Literature	1	unit

Scientific or English Course

Required:

Algebra	1½	units
English Composition	1	unit
English Literature	2	units
Geometry, Plane	1	unit
Science	2	units

Recommended Electives:

Foreign Languages	2	units

and the recommended list under the classical course.

To School of Engineering

Required:

Algebra	1½	units
English Composition	1	unit
English Literature	2	units
Geometry, Plane	1	unit
Geometry, Solid and Spherical	½	unit

Recommended Electives:

Foreign Language	2	units
Chemistry or Physics	1	unit
Biology, Physiology, Botany or Zoology	1	unit
Civics	½	unit
History United States	½	unit
English or American Literature	1	unit
Physical Geography	½	unit
Astronomy	½	unit

Candidates will also be admitted on the subjects required and recommended for admission to the School of Liberal Arts, with the addition of solid geometry.

To the School of Domestic Economy

Candidates will be admitted on certificates for fifteen units meeting requirements and electives to either of the foregoing Schools. Two units of domestic science or domestic art, or one of each, may, however, be submitted for any of the electives recommended.

To the School of Fine and Applied Arts

Candidates eligible to any of the foregoing Schools on certificate or by examination will be admitted to this School with the provision that two units of fine and applied arts, or one of each, may be submitted for any of the electives recommended.

To the School of Commerce and Finance

Candidates having the requirements for admission to the School of Liberal Arts or of Engineering with the addition of book-keeping will be admitted to this School with the privilege of substituting any of the following for

Recommended Electives:

Commercial Geography	½	unit
Mechanical Drawing	½	unit
Manual Training	½	unit
Commercial Arithmetic	½	unit
Correspondence	½	unit
Accounting and Office Practice	½	unit
Stenography	1	unit
Typewriting	1	unit
Banking or Economics	½	unit
History of Commerce	½	unit
Introduction to Commerce	½	unit
Astronomy or Geology	½	unit

To the School of Pedagogy

Candidates eligible to admission to any of the foregoing Schools will be admitted to this School on their credentials for the same.

To the School of Library Science

Candidates eligible to admission to any of the foregoing Schools will be admitted with at least two units of a foreign language in addition to the required subjects.

To the School of Music

Candidates will be admitted to collegiate standing in the School of Music who meet the requirements for any of the foregoing courses with at least two units of a foreign language and two units of music in addition to the required subjects other than a foreign language.

To Advanced Standing

Candidates for advanced standing in any of these Schools, presenting credits from other reputable colleges, will be admitted to corresponding standing in this College. They will also be given advanced standing on examination.

To Graduate Courses

Graduates of this College, or of colleges of corresponding standing, will be admitted to graduate courses leading to Masters' degrees or to Bachelors' degrees, with special designation in any of the technical schools which they may be prepared to enter.

Additional Electives

Allowed in all courses preparing for entrance to the Freshman class:

Geology	½ to 1	unit
Astronomy	½	unit
Commercial Geography	½	unit

THE SCHOOL OF LIBERAL ARTS

THE FACULTY

Albert R. Taylor, Ph.D., LL.D., President.

James D. Rogers, Ph.D., Dean and Professor of Ancient Languages.

Thomas W. Galloway, Ph.D., Professor of Biology.

Albert T. Mills, LL.B., A.M., Professor of History and Political Science.

Robert J. Kellogg, Ph.D., Professor Modern Languages.

Grace Patten Conant, A.M., Professor of English.

Binney Gunnison, A.B., Professor of Public Speaking.

Benjamin B. James, A.M., Professor of Physics.

John C. Hessler, Ph.D., Professor of Chemistry.

Theophile J. Meek, A.M., Professor of Biblical History and Literature.

Walter J. Risley, A.M., Professor of Mathematics.

Isabella T. Machan, A.M., Associate Professor of Ancient Languages.

Faith Hunter Dodge, Ph.B., Associate Professor of Romance Languages.

Davida McCaslin, A.M., Instructor in English.

Hazel Witchie, A.B., Instructor in English.

COURSES OF STUDY

The requirements for the A.B. degree, 132 semester hours or points, are as follows:

A. All students shall complete prescribed courses as follows:

One foreign language	16 points
English	8 points
Mathematics*	8 points
One Laboratory Science	8 points
History	8 points
Philosophy	8 points
Collaterals	4 points
Total	60 points

At least three of these courses of 8 points each must be taken in the Freshman year, of which one must be English. At least two more of 8 points each must be finished by the end of the Sophomore year. Philosophy is taken in the Senior year. The other course may be taken in any year. The program of courses which may serve as prescribed work is given in the following table.

*See G. page 11.

Summary of Courses Open as Prescribed

Note—The numeral following a subject designates the course required, for the details of which see the department outlines. The numerals in parenthesis, if any, indicate the number of laboratory and class hours together per week; those in the first column proper, the number of class hours per week and points including laboratory credits for the first semester; those in the second column, ditto for second semester; the third column, in black-faced type, indicates the recitation and laboratory periods for the day named. Period 1 is 8 to 9 a. m.; 2, 9 to 9:55 a. m.; 3, 10:20 to 11:15 a. m.; 4, 11:15 to 12:05 p. m.; 5, 1:30 to 2:30 p. m.; 6, 2:30 to 3:30 p. m.; 7, 3:30 to 4:30 p. m.; 8, 4:30 to 5:30 p. m.

Electives are printed later on with detailed courses; see instructor in case hours are not given.

Courses	Hours	Points	Time.
Latin, E. F...........		5.5	**4** T. W. Th. F. S.
Latin, G. H...........		5.5	**5** T. W. Th. F. S
Latin, 1, 2...........		3.3	**3** W. F. S.
Greek, A. B...........		5.5	**3** T. W. Th. F.
Greek, C. D...........		4.4	**6** T. W. Th. F. S.
Greek, 1, 2............		3.3	**6** T. Th. F.
German, 1, 2..........		5.5	**1** T. W. Th. F. S. or **5** T. W. Th. F. S.
French, 1, 2...........		5.5	**2** T. W. Th. F. S.
German, 3, 4.........		4.4	**7** T. W. Th. F.
French, 3, 4...........		4.4	**3** T. W. Th. F.
English, 1, 2..........		4.4	**2** T. W. F. S. or **6** T. W. Th. F.
History, 1, 2..........		4.4	**5** T. W. Th. F.
History, 3, 4..........		4.4	**1** T. W. Th. F.
History, 11, 12........		4.4	**4** T. Th. F. S .
Mathematics, 1, 2.....		4.4	**5** T. W. Th. F.
Biology, C. D.........	(6) (6)	4.4	**1** W. F. and **2** T. W. Th. F.
Biology, 1, 2..........	(6) (6)	4.4	**5** S. and **6** T. W. Th. F. S.
Chemistry, 1, 2........	(6) (6)	4.4	(a) 1, 2, Th. and 3 W. F. S. 4 S. (b) **3** T. W. Th. F. and **4** T. Th.
Chemistry, 3, 4........	(6) (6)	4.4	**1, 2** W. S. and **2** T. F.
Physics, A. B.........	(7) (7)	5.5	**1** T. W. Th. F. S. and **2** T. Th.
Physics, 1, 2..........	(7) (7)	5.5	**3** W. F. and **4** T. W. Th. F. S.
Philosophy, 1, 2, 3.....		4.4	**4** T. W. Th. F.

B. The student shall complete a Major consisting of 32 points in one of the following departments:

Latin.
Greek.
German.
Romance Languages.
English.
History and Political Science.
Biblical History and Literature.
Mathematics.
Physics.
Chemistry.
Biology.
Philosophy and Education.

A major may include a prescribed course, subject, however, to the following regulations:

(1) A major shall not be interpreted to include any academy course except Latin E, F, G, H, or Greek A, B, C, D.

(2) A major may not include any college course which covers the same course as an academy subject or subjects, if such academy subject is excluded. This includes German 1, 2, French 1, 2, Physics A, B, Biology C, D.

The student shall announce his major not later than the middle of the Sophomore year. The full list of courses other than prescribed courses is found below.

C. The student shall select a minor of 8 points under the advice of the department in which he majors. Such minor cannot include any course offered as prescribed work in A. A minor may be interpreted to include Latin E, F, G, H, or Greek A, B, C, D, or if taken in the Freshman year, Physics A, B, or Biology C, D.

D. The student shall elect additional courses to make a total of 132 points, of which four shall be collateral points (see page 65). The elective points may be taken from any courses in the school of liberal arts or other schools of the University to which the student is admitted. Of these, however, not over 32 may be taken outside the school of liberal arts, and these may not be taken in more than two schools; sixteen only can be taken in the school of music. In all technical electives outside the school of liberal arts at least one-fourth must be theoretical as distinguished from shop, studio, or laboratory courses.

Electives in

Mechanical Engineering may be found on page 24.
Electrical Engineering may be found on pages 24, 26.
Civil Engineering may be found on page 26.
Domestic Science may be found on page 29.
Domestic Art may be found on page 30.
Fine Arts may be found on page 33.
Applied Arts may be found on page 33.
Commerce and Finance may be found on page 36.
Library Science may be found on page 38.
Manual Training may be found on page 41.
Music may be found on page 43.

E. Of the entire course, 32 points must be in subjects designated in the Bulletin as Junior or Senior courses.

F. Any student who attains at the end of his Junior year an honor grade on all his work and a high honor grade on his major, may graduate upon completing 124 points exclusive of the 4 collateral points.

G. Students may substitute for the prescribed work in Mathematics courses in Fine Arts 3, 4 or 5, 6 or Applied Arts 3, 4, 5, 6.

Program of Elective Courses in the School of Liberal Arts

Courses	Hours	Points	Time.
Bible, 1, 2		1.1	4 S.
Bible, 3, 4		2.2	4 W. F.
Bible, 5, 6		2.2	3 W. F.
Bible, 7, 8		2.2	2 W. F.
Bible, 11, 12		2.2	2 T. Th.
Bible, 15, 16		2.2	3 T. Th.
Bible, 17, 18		2.2	5 T. Th.
Bible, 19, 20		2.2	5 W. F.
Biology, 3, 4		4.4	3 Th. S. and 4 W. Th. F. S.
Biology, 5, 6		4.4	5 T. W. Th. F.
Biology, 7, 8	(4) (4)		
Biology, 9, 10	(4) (4)		
Chemistry, 5, 6	(8) (8)	4.4	6,7 T. W. Th. F.
Chemistry, 7, 8	(8) (8)		
Chemistry, 9, 10	(8) (8)		
Chemistry, 11	(8)		
English, 3, 4		4.4	1 T. W. Th. F.
English, 5, 6		4.4	5 T. W. Th. F.
English, 7, 8		4.4	5 T. W. Th. F.
English, 9, 10		3.3	3, 4 S.
English, 11, 12		3.3	3, 4 S.
English, 15, 16		1.1	4 W.
English, 19, 20		1.1	1 S.
English, 21		1.	6 S.
English, 17, 18		1.1	8 W.
Expression, 1, 2		1.1	1 S.
Expression, 3, 4		5.5	2 T. W. Th. F. S.
Expression, 5, 6		4.4	4 T. W. Th. F.
Expression, 7, 8		4.2	1 W. F.
Expression, 9, 10		2.2	1 T. Th.
Expression, 11, 12		2.2	6 W. F.
Applied Art, 3, 4, 5, 6		4.4	5, 6 W. F.
Fine Art, 3, 4, 5, 6		4.4	3, 4 T. W. Th. F.
French, 5, 6			4 W. S.
French, 7, 8		1.1	1 W.
French, 15, 16		3.3	4 T. Th. F.
French, 17, 18		3.3	7 T. Th. F.
Geology, 1		0.4	3 T. W. 5 Th. F.
German, 5, 6		3.3	5 T. Th. F.
German, 15, 16		3.3	6 T. Th. F.
German, 11, 12		3.3	6 T. Th. F.
German, 19, 20		3.3	4 T. Th. F.
German, 25, 26		2.2	6, 7 S.
German, 27, 28		2.2	3, 4 T.
Greek, 3, 4		3.3	7 T. Th. F.
Greek, 5, 6		3.3	4 W. F. 5 T.
Greek, 9, 10		2.2	
Greek Art, 15		2.2	
Greek Literature, 16		2.	2 W.
Greek Sculpture, 17		1.1	2 S.
History, 5, 6		2.2	
History, 7, 8		2.2	
History, 9, 10		3.3	2 T. W. Th.
History, 11, 12		4.4	4 T. Th. F. S.
Latin, 3, 4		3.3	4 T. Th. S.
Latin, 5, 6		3.3	1 T. Th. S.
Latin, 7, 8		3.3	1 T. Th. S.
Latin, 12		0.2	2 T. Th.
Latin, 13, 14		2.2	
Mathematics, 3, 4		4.4	3 T. W. Th. F.
Mathematics, 5, 6		5.5	4 T. W. Th. F. S.
Mathematics, 9, 10		3.3	6 T. W. F.
Mathematics, 11, 12		3.3	6 Th. S.
Mathematics, 13, 14		4.4	1 T. W. Th. F.
Pedagogy, 1, 2		4.4	2 T. W. Th. F.
Philosophy, 5, 6		4.4	2 T. W. Th. F.
Spanish, 1, 2		5.5	1 T. W. Th. F. S.
Spanish, 3, 4		4.4	6 T. W. Th. F.

English Scientific Course

In response to the demands from young men and women from the rural communities who may find it necessary to return to the farms early in April, and of others who are also unable to attend more than three-quarters of the college year, courses are offered in the various required subjects which may be completed at the end of the first semester or at the end of the first half of the second semester with proportionate credit for the work done. The foreign languages in whole or in part will be optional in making up the sum total of required points, on approval of the Council for reasons above given. The degree of B.S. will be granted to candidates completing this course.

This plan makes it possible for students who may be able to carry 20 hours' work per week to attend three quarters per year for three years and one full year to complete the course in the usual time or for other students who are not able to carry as many as 20 hours per week, to complete it in five years.

Prescribed:

English Literature and Composition	24 points
Mathematics	16 points
Physics and Chemistry	16 points
Biology	12 points
History, Economics and Philosophy	12 points
Ancient or Modern Languages Optional, see above	(12 points)
Collaterals	4 points
Elective	48 points
	132 points

Similar arrangements as to time may be made in the advanced courses in the Academy.

Philosophy

President Albert R. Taylor, Ph.D., LL. D., Professor of Philosophy and Pedagogy.

1. Psychology.—The course in this subject includes an examination of the knowledge-getting processes, apperception and retention, and the volitional activities of the mind; an introduction to physiological psychology and abnormal mental phenomena. J. R. Angell's text furnishes the basis for the discussion. Senior, 4 T. W. Th. F.

2. Logic.—An elementary review of the laws of thought and of the reasoning processes, together with a somewhat exhaustive study of the syllogism in its theoretical and practical application to argumentation. Jones' text. Senior, 4 T. W. Th. F.

3. Ethics.—A theoretical and practical study of the principles underlying human action and their relation to social conditions and institutions. Senior, 4 T. W. Th. F.

4. Philosophy.—An introduction to the general study of the subject and a brief historical review, together with an examination of the theories involved. Senior. 4 T. W. Th. F.

5. Comparative Psychology.—A general survey of the development of mind in the individual and in the race, together with a brief consideration of certain abnormal mental phenomena, especially insanity and hypnotism. Texts:—Kirkpatrick's Fundamentals of Child Study, Washburn's Animal Mind, and Kraepelin's Clinical Psychiatry. First semester, 2 T. W. Th. F.

6. History of Philosophy.—The course traces briefly the development of thought since the early Ionic Greeks, and aims to acquaint the student with the general standpoint of Philosophy, and its relations to life, art, science and religion. Lectures, discussions, and readings from Blakewell's Source-book of Ancient philosophy, and Rand's Modern Classical Philosophers. Second semester, 2 T. W. Th. F.

Biology

Thomas W. Galloway, Ph.D., Professor of Biology.

Walter E. Rogers, Student Assistant.

The courses in biology in the College continue the general elementary course in the Academy by building up a knowledge of the special sciences of zoology and botany on the general principles there discovered. The general purpose is the same as in the Academy—to secure for the student powers of accurate observation, statement, and reasoning, and to acquaint him with the principles and methods of modern biology. Thru these studies the student should also be brought into increased sympathy with, and appreciation for, the natural conditions about us. Aside from its culture and disciplinary value, biology has important practical relationship with domestic science, horticulture, agriculture, pharmacy, medicine, and many of the trades. It is also of much interest to all teachers in the rural schools and the grades in connection with the rational use of "nature study" in correlation with other work.

The laboratory is supplied with all the equipment necessary for first-class work in the following courses:

C.	General Biology	4 points
D.	General Biology	4 points

Elementary, foundational courses which may be elected by Freshmen who did not offer biology on entrance.

1. Botany.—Including the study of the morphology, physiology, and ecology of representative crytogams and the more common phanerogams. Lectures, textbooks, laboratory and field work. Primarily for Freshmen and Sophomores. 4 points. 5 S. 6 T. W. Th. F. S.

2. Botany.—Continuation of course 1.
(Courses 1 and 2 are not eligible separately.)

3. Zoology.—This course includes the study in the laboratory, of representative types of animals; field work on the habits, haunts and adaptations of animals; with text-book and lectures to correlate the isolated observations of the students. Open to Sophomores, Juniors and prepared Freshmen. 4 points. 3 Th. S. 4 W. Th. F. S.

4. Zoology.—Continuation of 3.
(Courses 3 and 4 are not eligible separately.)

5. Advanced General Biology.—a. Economic Biology. b. Theoretical Biology. Lectures, references, theses. Course 5a includes a study of the more important ways in which biology bears on human interests. Course 5b comprises a study of the important discoveries and theories about life, variation, heredity, evolution, etc. First semester. 4 points. 5 T. W. F. S.

6. General Physiology.—This course will deal with the broad problems of plant and animal and human physiology; also with individual and social hygiene. It involves lectures, themes, laboratory and seminars. Second semester. 4 points. 5 T. W. F. S.

Courses 5 and 6 may be elected by Juniors and Seniors who are not specializing in Biology. There will be a differentiation within the course, involving added work on the part of those who wish to present these courses as part of a major in biology. The courses may be elected separately.

7 & 8. Animal Histology and Embryology.—8 points. Juniors and Seniors.

9 & 10. Vegetable Histology.—4 points. Juniors and Seniors.

Courses in Animal and Vegetable Histology will not be offered in one year.

(Prerequisites: Biology 1 to 4, or equivalent.)

Geology

1. Elements of Geology and Paleontology.—Text, lectures, theses, and practical exercises in field and museum. Sophomores, Juniors and Seniors.
(Prerequisite: Biology C, D, or equivalent.)

Ancient Languages

James Denison Rogers, Ph.D., Professor of Ancient Languages.

Isabella T. Machan, A.M., Associate Professor.

Lucile M. Bragg, A.M., Instructor.

The course of study in this department for the first two years has been arranged with reference to the fact that many of the students who take Greek and Latin do not intend to specialize in these subjects, and it is therefore desirable to give them, in addition to a grammatical and linguistic training, an acquaintance with the subject-matter and literary merits of a considerable body of representative literature. In order to obtain this result authors of a simpler style have been selected, and considerable portions of their works and related writings assigned for rapid reading. In connection with the reading of Plato and Cicero during the first term, there will be included a thorough review of the fundamentals of accidence and syntax, and exercises in Greek and Latin composition will be required. During the first two years the student will be made acquainted with the legal and political antiquities of the Greeks and Romans, their history and mythology, and the elements of archeology. In the last two years a more detailed study of the authors read will be required, and special courses in philology, archeology and epigraphy will be given.

Latin

1, 2. Latin of 1st Century B. C.—De Senectute and De Amicitia of Cicero; Odes and Epodes of Horace, with readings from Catullus; Characteristics of Roman Literature. Prose Composition (optional). Freshman year. 3 per semester. 3 W. F. S.

3, 4. Latin of the Empire.—Germania and Agricola of Tacitus; 4. Roman Satire and Epigram; Juvenal and Martial; Prose Composition (optional). Sophomore year. 3 per semester. 4 T. Th. S.

5. Ars Poetica, Epistles of Horace and Book X. of Quintilian, or The Letters of Pliny. These courses alternate. 3 points. 1 T. Th. S. Junior.

6. The Capitivi, Trinummus and Rudens of Plautus, or Three Plays of Terence. Lectures on the Roman Drama. 3 points. 1 T. Th. S. Junior. 5 and 6 given 1913-14.

7. Cicero's Letters (I-XXV Abbott) and Book I of the Tusculan Disputations, or De Natura Deorum. 2 points. 1 T, Th. Senior.

8. Lucretius, Books I-III, or Petronius. 1 T. Th. Senior. 7 and 8 given in 1914-15. Prose Composition optional in any year. One hour.

9, 10. Epigraphy. 2 points. Seniors and graduates.

11. Lectures on the Latin Language or Latin Literature, English Course. Juniors and Seniors. 2. 2 T. Th.

12. Monuments of Rome. 2 points. Juniors and Seniors. 3 T. Th. Given 1913-14.

13, 14. Teachers' Course. Materials of Latin studies, and method of Latin instruction. 4 points. Given 1914-15.

Greek

1, 2. Athenian Greek. 1. Apology and Crito of Plato. 2. Protagoras and Lucian. Prose composition. Freshmen. 3 per semester. 6 T. Th. F.

3, 4. Greek Dialects.—Demosthenes and Aeschines on the Crown. 4. The Persai of Aeschylus, with readings from Herodotus and Plutarch's Themistocles. Prose Composition (optional). The Phaeacian Episode of the Odyssey, with readings from Hesiod and the Homeric Hymns. Sophomores. 3 per semester. 7 T. Th. F.

5. Herodotus, selections. Juniors. 3. 4 W. F. 5 T.

6. The Antigone of Sophocles and Alcestis of Euripedes. Juniors. 3. 4 W. F. 5 T.

7. Poetics of Aristotle, with illustrative readings from Aeschylus, Sophocles, and Euripedes. Seniors. 2.

8. Thucydides. Prose Composition (optional) Seniors. 2.

9, 10. Epigraphy. Juniors and Seniors. 2 per semester.

11. Topography and Monuments of Greece, with readings from Pausanias. Juniors and Seniors. 2.

13, 14. New Testament Greek. See Biblical History and Literature 19, 20.

15. History of Ancient Art. Juniors and Seniors. 2. 3 T. Th. Given 1913-14.

16. Greek Literature, Lectures, English Course. 2. Juniors and Seniors. 2 W. F.

17, 18. History of Sculpture. Juniors and Seniors. 1. These two are designed especially for art students. Open to qualified students of all classes. Given 1914-15. 2 S.

English Language and Literature

Grace Patten Conant, A.M., Professor of English Language and Literature.

Davida McCaslin, A.M., Instructor.

Hazel Witchie, A.B., Assistant Instructor.

Bonnie R. Blackburn, A.B., Instructor.

Binney Gunnison, A.B., Professor of Public Speaking.

I. English Composition

1. Rhetoric and Composition.—A theoretical study of the principles and qualities of good style, and a practical application of those principles to writing. Description, Narration. With this work is combined a study of DeQuincey. Freshmen. First semester. 4. 2 T. W. F. S. or 6 T. W. Th. F.

2. Rhetoric and Composition.—(Continuation of Course 1). Exposition, Argumentation. Emerson. Freshmen. Second semester. 4. 2 T. W. F. S. or 6 T. W. Th. F.

1c, 2c. Rhetoric and Composition, open only to engineers and specials. A condensation of courses 1 and 2. 3 points credit each semester. 3 T. Th. S.

15, 16. Rhetoric and Composition.—Informal Essay, Expository Articles, Oration, Short Story. 2 each semester. 7 W. F. Required for Major.

19. Appreciation of Literature.—Discussion of representative essays upon style and application of their principles to writing as a fine art. First semester. 1. 1 S.

21. Special Composition. A course designed for students who need more practice in composition. First semester. 2 hours. No credit. 8 W. F.

23, 24. Seminar in Composition.—For students of literary ability who desire practice in any form of writing. 1 each semester.

II. English Literature

3. Introduction to English Literature.—A survey of English Literature from Beowulf to Milton. The purpose of the course is to give a knowledge of the development of English Literature by introducing the student to a few characteristic works of the less important writers, to practically all of the poems of Chaucer and Spenser, and to six of the plays of Shakespeare. Sophomores. First semester. 4. 1 T. W. Th. F.

4. Introduction to English Literature.—A survey of English Literature from Milton through Wordsworth. Special study of Milton, Dryden, Swift, Addison, Pope, Burns and Wordsworth. Continuation of Course 3. Sophomores. Second semester, 4. 1 T. W. Th. F.

5. American Literature.—Assigned readings, reports and discussions of the literature of the Colonial and Revolutionary periods, followed by a study of the Nineteenth Century writers, Bryant, Irving, Poe, Hawthorne, Longfellow, Whittier, Emerson, Lowell, Whitman and Lanier. First semester, 3. Juniors, Seniors. (1913-14). 5 T. Th. F.

6. The Novel.—A study of the art of prose fiction and of representative novels of Scott, Jane Austen, Dickens, Thackeray, George Eliot and Meredith. Second semester, 3. Juniors, Seniors. (1913-14). 5 T. Th. F.

7. Introduction to European Literature.—Collateral readings and study in translation of Homer's Iliad and Odyssey, the Greek and Roman Drama, Virgil's Aeneid, the Nibelungenlied. First semester, 3. (1912-13). Juniors, Seniors. 5 T. Th. F.

8. Introduction to European Literature.—(Continuation of Course 7). Special study of Dante's Divine Comedy, Goethe's Faust, Tasso's Jerusalem Delivered, Corneille's Le Cid, Cervante's Don Quixote. Second semester, 3. (1912-13). Juniors, Seniors. 5 T. Th. F.

9. The Romantic Movement.—A study of the rise and development of the Romantic Movement in English Poetry, with intensive study of the greater Romantic poets—Burns, Wordsworth, Coleridge, Byron, Shelley and Keats. First semester, 2. (1913-14). Juniors, Seniors. 3-4 S.

10. Victorian Poetry.—A comprehensive study of Tennyson and Browning; a brief study of Rossetti, Arnold, Swinburne and Morris. Second semester, 2. (1913-14). Juniors, Seniors. 3-4 S.

11. The Drama.—Lectures on the origin and development of the drama. Rapid reading of representative plays of pre-Shakespearean dramatists and of the works of Shakespeare as a whole. Detailed study of twenty plays of Shakespeare, with especial emphasis on content and dramatic technique. First semester, 2. (1913-14). Juniors, Seniors. 3-4 S.

12. The Drama.—A study of the modern drama, especially the works of Ibsen, Hauptmann, Shaw, Sudermann, D'Annunzio and Maeterlinck. (Course 12 or 13 will be given in 1913-14. Second semester, 2. Juniors, Seniors. 3-4 S.

13. Old English.—Grammar and easy reading. Selections from Beowulf, with study of meter and literary characteristics of old English poetry. Students should consult instructor before registering. Second semester, 3. Juniors, Seniors.

17. Modern English Poetry.—A course designed especially for city teachers. First and second semester, 2. (1913-14).

18. Comparative Literature.—A course designed especially for city teachers. First and second semester, 2. (1912-13).

20. Teachers' Training Course.—Study of methods of teaching English Composition and the Classics required for entrance to college. Practical teaching with criticism. Second semester, 1. 1 S.

22. Library Use.—A study designed to give students a knowledge of the use of a library. It includes a study of the classification and arrangement of books and bibliographies, acquaintance with reference books, the choice of text-books with consideration of editions, translations and publications. First semester. No credit.

Vocal Expression and Public Speaking

Binney Gunnison, A.B., Professor of Public Speaking.

B. Vocal Expression.—Reading and Recitation. Text-Book: Classics for Vocal Expression. Academy and Freshmen. Second semester, 2. 6 T. Th.

1. Extemporaneous Speaking.—Facility in thinking and speaking before an audience. Different forms of thinking in public speech. Freshmen and Sophomores. First semester, 1. 1 S.

2. Extemporaneous Speaking.—Various subjects for treatment in public speech. Freshmen and Sophomores. Second semester, 1. 1 S.

3, 4. Vocal Expression (General Course).—General investigation of the action of the mind, of the voice and of the body, in the expression of thought and emotion. Vocal training. Recitation and criticism. Text-book: Foundations of Expression. Freshmen and Sophomores. Each semester, 5. 2 T. W. Th. F. S.

5, 6. Vocal Expression (Advanced Course).—More detailed study of the imagination in its application to art, literature and expression. Control of emotion, sympathetic identification of character and situation. Voice training for range, flexibility and tone-color. Text-book: Imagination and Dramatic Instinct. Sophomores and Juniors. Each semester, 4. 3 T. W. Th. F.

7. Argumentation.—The theory of argumentation in speeches and debates. Text-book: Argumentation and Debate—Denney-Duncan—McKinney. First semester, 2. 1 W. F.

8. Debate.—The practice of argumentation in speeches and debates. Second semester, 2. 1 W. F.

9. Platform Addresses; Their Structure.—Study of famous orations to discover their structure. First semester, 2. 1 T. Th.

10. Platform Addresses; Their Structure and Delivery.—Practical formation and utterance of addresses of various kinds. Sophomores and Juniors. Second semester, 2. 1 T. Th.

11, 12. Public Reading.—Adaptation of literature to public reading. Recitation with criticism. First semester: Arrangement and production of an evening's program from the typical writings of a single author. Second semester: Arrangement and production of an evening's program from a single large work in literature. Juniors who have taken vocal expression 3, 4. Each semester, 2. 6 W. F.

13, 14. Vocal Expression (Third Course).—First semester: Recitation of more difficult literature. Acting of scenes from Shakespeare. Second semester: Dramatic Monologues of Browning; Impersonation of scenes from Shakespeare. 2. 7 T. Th.

This course is open only to those Juniors and Seniors who have already taken Vocal Expression 5, 6.

Mathematics

Walter J. Risley, A.M., Professor Mathematics.

Charles C. Wells, B.S., Instructor.

The first year's work (required of all students except in School of Commerce and Finance) is made to touch all the lines of mathematical thought. The student comes to some knowledge of the object of mathematical investigation and of some of its most far-reaching conclusions. Emphasis is put upon its relationship to the whole body of human knowledge. The aim is to give a wide perspective as well as skill in handling certain problems. In the second year's work the student becomes more familiar with those fundamental processes and methods which are needed for the higher work.

The advanced College courses are for the student who desires to specialize in mathematics. They introduce him to the wider fields and the more powerful methods. He thus becomes equipped for entering upon graduate study.

The department has an excellent collection of models covering undergraduate work. These include a full set of Hanstein's apparatus; stereoscopic views; full sets of regular, semi-regular and Archimedes solids; a set of the Kepler-Poinsot bodies; a set of the 32 simple crystal forms; a large number of solids of rotation; several thread models; several plaster models; models for theorems in kinematics; some linkages; several drawings of higher curves; models for illustrating methods in solid analytics; several models and drawings to illustrate four-dimensioned solids. This collection is added to yearly, and will soon cover every type of problem arising in undergraduate study.

Elementary College Courses

Primarily for Liberal Arts

1. **Algebra.**—A short review of the elementary algebraic processes, followed by a study of some of the more advanced topics, including theory of equation, variation, the progressions, mathematical induction, binominal theorem, undetermined coefficients, determinants, etc. Constant use is made of graphical methods. Many applications are made to problems in physics, chemistry, etc. First semester, 4 points. Prescribed for Liberal Arts. 5 T. W. Th. F.

2. **Trigonometry.**—The application of the circular functions to the solution of triangles and to problems in geometry, etc. Trigonometric equations and identities; logarithmic calculations. Second semester, 4 points. Prescribed for Liberal Arts. 5 T. W. Th. F.

3. **Analytic Geometry.**—The theory of the analytic geometry of the point, the straight line, the conic sections and some higher plane curves, with their most important applications. Sophomores or Juniors, 4. First semester, 3 T. W. Th. F. (or S.).

4. **Calculus.**—An elementary course with applications to the more simple problems of geometry, physics, and chemistry. Sophomores or Juniors, 4. Second semester, 3 T. W. Th. F. (or S.).
   Mathematics 3 and 4 may be elected as 5 hour courses.

Primarily for Engineers

5, 6. **Algebra, Trigonometry and Analytic Geometry.**—During the first semester emphasis is placed on trigonometry and algebra with those parts of analytic geometry that are needed in the graphical treatment of these subjects; the second semester is largely devoted to the problems of analytic geometry. The development of methods of attack and of powers of analysis is constantly sought. The graphical treatment of mathematical and engineering problems is made a leading feature of the course.

A good working knowledge of elementary algebra is essential at the beginning of these courses; it is therefore strongly urged that a thoro review of algebra, thru quadratic equations, be made shortly before entering.

Credit will not be given for a half year in this course. All engineers. 10 points. Daily, 4th period.

7. **Calculus.**—The elements of the differential calculus with its applications to curve plotting, rates, maxima and minima; the fundamental forms of integration with application to plane areas in rectangular and polar coordinates. Sophomore engineers. 5 points. Daily, 2nd period.

8. **Calculus.**—Applications of definite integrals to problems in plane areas, lengths of arcs, and surfaces of revolution; volumes of revolution by means of parallel cross-sections; successive integration with applications to areas, surfaces and volumes; approximate methods of integration; Taylor's Theorem; subtangents; asymptotes; curvature; elementary differential equations. Sophomore engineers. 5 points are required. 2 T. W. Th. F. S.

The above courses are given every year. A considerable collection of models and figures set up in space or modeled in plastelene exemplify the geometry courses. Drawing to scale, graphic treatments and verification of results aid in the other courses.

The following courses may count as courses in mathematics: Descriptive Geometry, C. E. 2; Mechanics, C. E. 20, 21.

Advanced College Courses

9. **Pure Geometry.**—Modern pure geometry, including the theory of projection, inversion, duality, polarity, etc. First semester, 3 points. Elective for Sophomores or Juniors. 6 T. W. F.

10. **Advanced Analytic Geometry.**—A generalized treatment of co-ordinates, correspondence of various kinds, descriptive properties of curves, projective properties, transformations, and invariantive properties. Second semester, 3. Elective for Sophomores or Juniors. 6 T. W. F.

11. **Advanced Algebra.**—A treatment of the rational integral function and its roots, symmetric functions and other functions of the roots, Galois' substitution groups and their applications. First semester, 3. (1914-15). Elective for Sophomores and Juniors.

12. **Advanced Algebra.**—Matrices and linear groups and invariants, with applications. Second semester, 3 points. (1914-15). Elective for Sophomores and Juniors.

13, 14. **Advanced Calculus.**—Differential equations, definite integrals, Taylor's Series, maxima and minima, variations. One year (1914-15), 8. Elective for those who have had calculus. Juniors, Seniors.

The advanced courses may be elected as 4 or 5 hour courses.

Courses for Master's Degree in Mathematics

Elementary Theory of Functions with applications.

Newtonian Potential Functions.

Fourier's Series and Spherical Harmonics.

Infinite Series and Products.

Higher Plane Curves.

Theory of Invariants with applications.

Vector Analysis.

See regulations concerning the master's degree, page 38.

Note.—Students in Liberal Arts courses are permitted to offer courses 3, 4 or 5, 6 in Fine Arts, or 3, 4, 5, 6 in Applied Arts, 8 points, as a substitute for the prescribed mathematics, of 8 points.

History and Political Science

Albert T. Mills, LL.B., A.M., Professor of History and Political Science.

1. **History of England.**—The study of a people who have developed far along lines of true democracy; have made a splendid literature; whose ideals include uprightness, honor, dignity, and simplicity of character. The course follows the social changes incident to the invasions, the conversion to Christianity, the break from Rome, the Puritan Revolution, parliamentary reform, colonial expansion, and other great movements. Featured in the course are the institutions of the witenagemot, the juries, common law, House of Commons, parties, cabinet, and the church. Text, readings, and maps. 5 T. W. Th. F. Freshmen, Sophomores.

2a. **English Industrial History.**—Four industrial systems are considered: agriculture under the control of the manor; crafts under the control of gilds; commerce under the control of the nation; and the factory, first under individual control and then under governmental regulation. The rise of industrial classes, poverty, public charities, factory reform, banking, and free trade are special features, treated historically. Text, lectures, readings. 5. T. W. Th. F. Freshmen, Sophomores.

2b. Industrial History of the United States.—A systematic study of a virile and energetic people who appropriated and developed the wonderful natural resources of a new continent, with such eminent success that our industrial development has no parallel in the world's history. 5. T. W. Th. F. Freshmen, Sophomores.

3. American History, The Colonies.—European backgrounds, and the gifts of Europe to America; the new world, and the planting of democratic ideas; colonial independence, and progress toward nationality. Text, readings, and weekly reports. If preceded by History 1 and 2, or 11 and 12, and taken as late as the Junior Year, Junior credit will be given. 1. T. W. Th. F.

4. American History.—Constitutional Period. Leading branches of the course will be: (a) the Federal and the Jeffersonian systems, the rise of the new West, the Jacksonian democracy; (b) the trial of nationality by slavery and by territorial extension; (c) reconstruction, political and economic. 1. T. W. Th. F.

5, 6. American History.—Special problems since 1876. Two hours a week, to be arranged. Juniors, Seniors.

7. Federal Constitutional Law of the U. S.—The general principles of constitutional law as they pertain to the federal and state systems. The study will include the Constitution itself, a manual which presents the principles of the law, and a number of leading cases in which those principles are developed. The cases embrace the subjects of commerce, taxation, money, police power, impairment of contracts, political questions, injunctions, and others. 2. T. W. Th. Juniors, Seniors.

8. Public International Law.—The intention of the course is to acquaint students with the laws governing states in their normal relations, in their relations of war, and in their relations of neutrality. Illustrations from American history will be presented in the main; others will be used, however, and a fair knowledge of European history from the treaty of Westphalia, 1648, to the last Hague Peace Conference is required. 2. T. Th. Juniors, Seniors.

9. National Administration of the United States.—A detailed study of the work of our president and the members of the cabinet. A comparison of our national administration will be made with those of England, Germany and France. 2. T. W. Th. Juniors, Seniors.

10. Nineteenth Century Politics.—Practical conclusions of the evolution of civilization are applied to present day affairs,—politics, education, government, society, etc. The ideals of laissez-faire, liberty and equality, labor time, universal suffrage, peace-at-any price, and others are examined. The problems of France, England and the United States are pointed out and twentieth century reconstruction forecasted. 2. T. Th. Juniors, Seniors.

11, 12. European History.—Middle Ages during the first semester, the development of Modern Europe during the second semester. The past is subordinated to the present to enable students to understand European affairs and to read foreign news intelligently. Text and readings. 4. T. Th. F. S. Freshmen, Sophomores.

Note.—Students who major in history and political science may receive credit for courses taken in other departments as follows, to the amount of one year: Economics, Elementary Law, Commercial Law, and Bible History.

Modern Languages

Robert J. Kellogg, Ph.D., Professor of Modern Languages.

Faith Hunter Dodge, Ph.B., Associate Professor, Romance Languages.

Bonnie Blackburn, A.B., Instructor in Modern Languages.

Laura Olivia Kriege, 1913, Student Assistant in German.

The College courses in Modern Languages aim to give (1) an acquaintance with national literature and life and the history of the languages and literature; (2) ability to read more difficult works fluently at sight; (3) a thoro grounding in the practical understanding and use of the language.

The two years of required Academy work (A-B, C-D) in either French or German, cover the same ground as the first year College courses (1-2), and may, by special permission, be counted as first year College work, with a maximum credit of ten points by students not offering them to fulfill entrance requirements. Fourth year Academy students desiring to complete the required Academy work in one year, may, by special permission, substitute College courses 1-2 for Academy work, with a total credit of ten points instead of sixteen.

One year of either French or Latin, including a thoro grammatical knowledge of the language, is prerequisite for beginning Spanish.

A single semester's work in a beginning foreign language cannot be counted as points toward graduation until a full year's work is completed.

The work of all courses in Modern Languages is conducted mainly in the language taught.

Advanced courses in French and German are subdivided into rotation-groups of related courses, the courses within each group alternating or rotating with each other, one course in each group being thus offered each year.

German

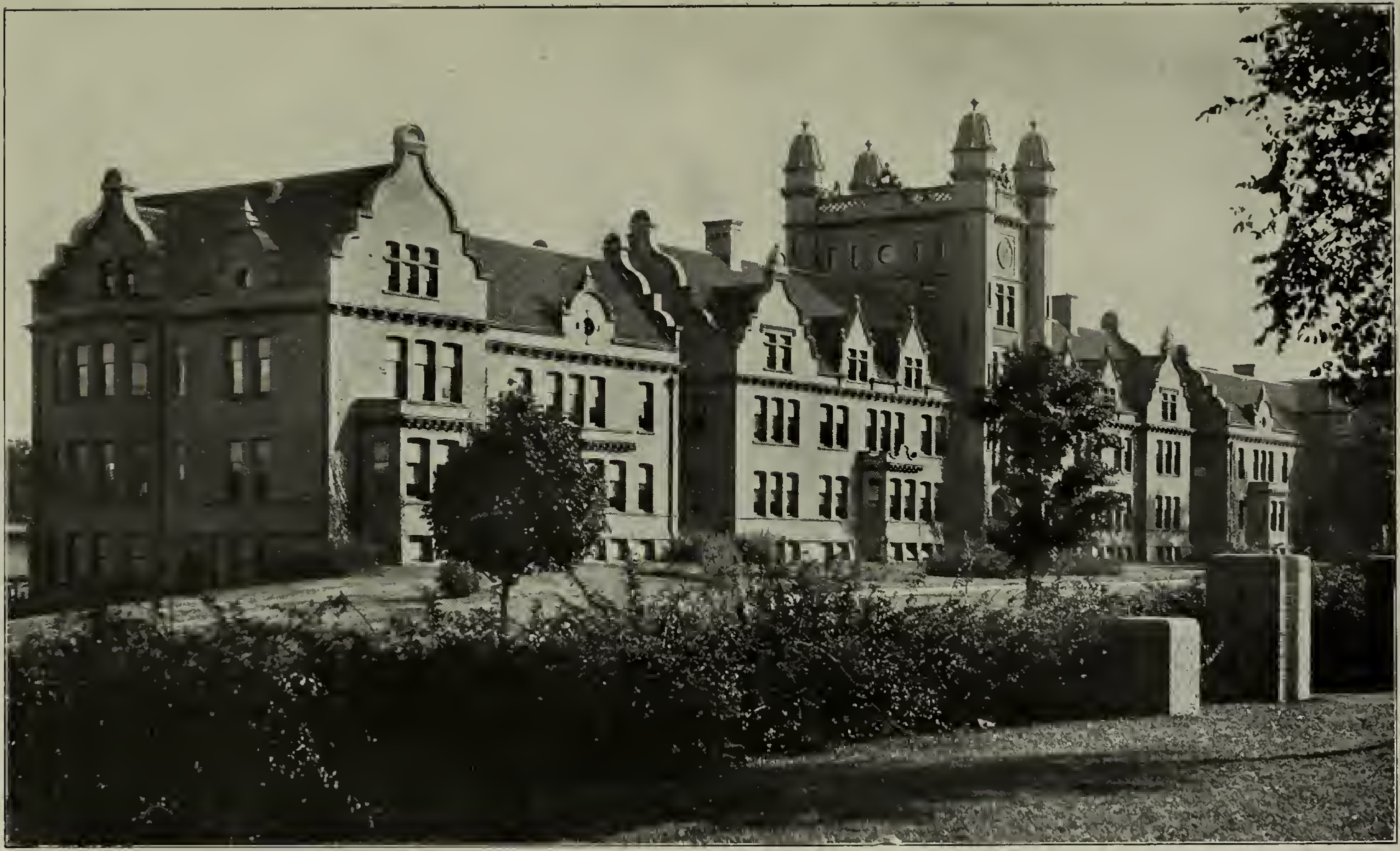
1, 2. Beginning German.—Reading, conversation, composition and grammar based on reading. 5 points. 1 or 4. T. W. Th. F. S. Freshman.

3, 4. Selections from Nineteenth Century Authors.—3. Grillparzer's Der Arme Spielmann, Zschokke's Der Tote Gast and Das Abenteuer der Neujahrsnacht, Stern's Geschichten von Deutschen Städten. Practice in free reproduction. 4. Hauff's Lichtenstein, Freytag's Der Rittmeister von Alt-Rosen, Sybel's Die Erhebung Europas. German Composition. 4 points. 7 T. W. Th. F. Freshman and Sophomore.

Rotation Group A (Sophomore and Junior)

5, 6. Introduction to German Literature.—5. Lessing's Minna von Barnhelm, Freytag's Journalisten. 6. Goethe's Hermann und Dorothea, Schiller's Wilhelm Tell. German themes. Given in 1913-14. 3 points. 3 T. Th. F.

7, 8. German Life and Conversation.—Allen's Herein, Bacon's Im Vaterland, Newson's German Daily Life, Heath's Deutsches Liederbuch. Conversation, oral and written free reproduction, and German themes. Given in 1912-13 and again in 1914-15. 3 points. 3 T. Th. F.



Engineering Hall Liberal Arts Domestic Economy

VIEW OF MAIN BUILDINGS FROM THE SOUTHWEST

Rotation Group B (Junior and Senior)

9, 10. The Modern Novel.—Selected works of E. T. A. Hoffman, Freytag, Spielhagen, Ebers, Gerstäcker, Scheffel, Meyer, Sudermann, etc. Given in 1913-14. 3 points. 6 T. Th. F.

11, 12. Tales and Short Stories.—Works of such authors as Chamisso, Hauff, Zschokke, Gerstäcker, Keller, Storm, Baumbach, Heyse, Wilbrandt, Seidel, Riehl, Ebner-Eschenbach, Böhlau. Given in 1914-15. 3 points. 6 T. Th. F.

13, 14. German Poetry.—Goethe, Schiller, Uhland, Heine, Scheffel; Klenze's Deutsche Gedichte; Heath's Deutsches Liederbuch. Given in 1915-16. 3 points. 6 T. Th. F.

15, 16. Modern Drama.—Selections from such authors as Grillparzer, Hebbel, Ludwig, Freytag, Wagner, Sudermann, Hauptmann, Fulda, Ernst, Benedix, Wilhelmi. Given in 1912-13 and again in 1916-17. 3 points. 6 T. Th. F.

Rotation Group C (Senior and Graduate)

17, 18. History of German Literature.—17. From the earliest times to the classical period. 18. From the classical period to the present day. Given in 1913-14. 3 points. 4 T. Th. F.

19, 20. Teachers' Course.—Behagel's Historical Grammar of German. Viëtor's German Pronunciation, Report of the Committee of Twelve, Bagster-Collins' German in Secondary Schools. Discussion of problems, aims, methods, text-books, helps, etc. Given in 1914-15. 3 points. 4 T. Th. F.

Rotation Group D (Graduate)

21, 22. Gothic.—Wright's Grammar of the Gothic Language. Braune-Balg's Gothic Grammar. Bernhardt's Gotische Bibel. Outlines of Germanic Philology. Given in 1913-14. 2 points. 6 and 7 S.

23, 24. Old High German.—Wright's Old High German Primer, Braune's Althochdeutsches Lesebuch and Althochdeutsche Grammatik. Outline of West Germanic Philology. Given in 1914-15. 2 points. 6 and 7 S.

25, 26. Middle High German.—25. Wright's Middle High German Primer. Pfeiffer's Walther von der Vogelweide. 26. Paul's Mittelhochdeutsche Grammatik, the Nibelungenlied. Given in 1915-16.

Deutscher Verein.—German social and conversation circle meeting alternate weeks at the homes of members of the faculty or others. No credit in University hours.

French

1, 2. Beginning French.—Pronunciation with phonetics; conversation; memorizing of anecdotes, songs and fables; composition; grammar and reading. 5 points. 2 T. W. Th. F. S. Freshman.

3, 4. Introduction to French Literature.—La Chanson de Roland (ed. Geddes); selections from Corneille, Racine, Molière, Balzac, Coppée, Daudet, Mérimée, Maupassant, Augier, Labiche et Martin, France; weekly lectures on the history of French literature. 4 points. 3 T. W. Th. F. Sophomore.

5, 6. Study of French Life and Institutions.—A conversation and composition course. Newson's French Daily Life; François Advanced Composition; reports upon reading from French magazines and newspapers; oral and written free reproduction of class lectures and outside reading, talks and themes in French. 3 points. 4 T. Th. F. Junior.

Rotation Group A (Junior and Senior)

9, 10. The Modern Novel.—Readings from Sandeau, Feuillet, About, Flaubert, Hugo, Zola, Daudet, Vigny, Bazin, Loti, France, etc. Lectures and reports on authors read. Given in 1913-14. 3 points. 4 T. Th. F.

11, 12. Literary Movements of the Nineteenth Century.—With especial consideration of the Romantic Movement and the literature of criticism. Selections from such authors as Hugo, Taine, Sainte-Beuve, Balzac, Zola, Sand, Dumas, Lemaître, Mérimée, Vigny. Lectures and reports on authors read. Given in 1914-15. 3 points. 4 T. Th. F.

13, 14. Drama of the Eighteenth and Nineteenth Centuries.—Selected works of Marivaux, Voltaire, Sedaine, Diderot, Beaumarchais, Dumas, Scribe, Sardou, Hugo, Rostand, etc. Lectures and reports on authors read. Given in 1915-16. 3 points. 4 T. Th. F.

15, 16. Tales and Lyrics.—15. Tales and short stories from such writers as Richepin, Bazin, Loti, Coppée, Halvéy, Marin, Claretie, Daudet, Maupassant, Mérimée, Mairet, Victor et Paul Marguerite. 16. Lyric Poetry. Selections from Villon, Ronsard, Malherbe, Béranger, Hugo, de Musset, Lamartine, Gautier, Baudelaire, Coppée, Leconte de Lisle, Prudhomme. Lectures and reports on authors read. Given in 1916-17. 3 points. 4 T. Th. F.

Rotation Group B (Senior and Graduate)

17, 18. The Classical Drama.—Selected works of Rotrou, Corneille, Racine, Molière. Lectures and reports on authors read. Given in 1914-15. 3 points. 7 T. Th. F.

19, 20. Prose Writers of the Seventeenth and Eighteenth Centuries.—Selected works of Pascal, Bossuet, La Bruyère, Rousseau, Voltaire, Montesquieu. Lectures and reports on authors read. Given in 1913-14. 3 points. 7 T. Th. F.

Rotation Group C (Senior and Graduate)

21, 22. History of French Literature.—From the Chansons de gestes to the present day. Lectures, reports and collateral reading. 3 points. 7 T. Th. F.

23, 24. History of French Language and Introduction to Old French.—23. Historical French Grammar. Beginnings of the language and early developments. Introduction to phonology and phonetics. Nyrop: Historical French Grammar, Vol. 1; Viëtor's Elements of Phonetics; Bell's Visible Speech. **24. Introduction to Old French.** La Chanson de Roland (ed. Léon Gautier); selections from la Vie de Saint-Alexis, le Chavalier au Lion, Aucassin et Nicollette, Le Roman de Renard, le Roman de la Rose. 3 points. 7 T. Th. F.

Alliance Française.—A local branch of the International F. A. F. meeting weekly. Student programs in French alternating with conferences and lectures by faculty members and official lecturers from abroad and from other universities. (Official lecturer for 1912-13: Dr. Louis Delamarre, General Secretary F. A. F.).

Spanish

1, 2. Beginning Spanish.—Grammar, speaking, writing and interpretation. Introducción á la lengua castellana, Marión y des Garennes; Libro segundo de lectura, Fernández Juncos; Canciones escolares; Hills' Spanish Reader; Tres Comedias modernas; El Trovador, Gutierrez. Discussion and lectures, in Spanish, on geography and current events relating to Spain and Spanish America. Weekly individual reports in Spanish from Las Novedades, Porto Rico Illustrado, Blanco y Negro, La Correspondencia (Madrid). 5 points. 1 T. W. Th. F. S. Freshman and Sophomore.

3, 4. Introduction to Spanish Literature.—Drama and novels, poetry and a study of metrical forms. Cervantes, Calderón, Lope de Vega, Echegaray, Galdós, Pereda, Padre Isla, Tamayo, Alarcón, Moratín, Bazán, Caballero, Nuñez de Arce. Drill in composition, grammar, letter writing and business forms. Sophomore and Junior.

5, 6. Advanced Literature and Composition.—3 points. Junior and Senior.

ASTON HALL

NEW GYMNASIUM

Chemistry

John C. Hessler, Ph.D., Professor of Chemistry.

Frederick F. Joel, 1914, Student Assistant.

William F. Henderson, 1914, Student Laboratory Assistant.

1. Inorganic Chemistry.—Freshman. Two lectures, two double laboratory periods per week, for one year. 4. 1, 2 Th. 3 W. F. S. 4 S. or 3 T. W. Th. F. 4 T. Th.

This is a beginner's course in general descriptive inorganic chemistry. It covers thoroughly the fundamental laws of chemistry, with a detailed study of the properties, manufacture and uses of the most important inorganic elements and compounds. A few lectures at the end of the year will be devoted to the most important organic compounds.

This course is complete in itself, and does not presuppose that the student has already studied chemistry.

Preparation required: Academic Physics or Chemistry with laboratory.

2. Continuation of Course 1. Courses 1 and 2 not eligible separately.

3. Freshman Engineering Chemistry.—Two lectures, two double laboratory periods weekly for one year. 4. 1 W. S. 2 T. W. F. S.

This is a beginner's course in general inorganic chemistry, and is required of all engineering students. It covers the fundamental laws and theories of chemistry, with a detailed study of those elements and compounds especially important either from the standpoint of general or industrial chemistry. Emphasis is laid upon industrial processes and the metallurgy of the common metals.

Preparation required: Academy Physics or Chemistry with laboratory.

4. Continuation of Course 3. Courses 3 and 4 not eligible separately.

5. Qualitative Analysis.

Four double laboratory periods for one year. 4. 5, 6 T. W. Th. F.

This is a laboratory course in qualitative analysis. There will be lectures and quizzes, but it is primarily a laboratory course which aims to develop self-reliance and accuracy of observation in the student, as well as to prepare for further chemical work. The last few weeks will be devoted to a few of the more simple gravimetric analyses.

Preparation required: Chemistry 1 and 2 or 3 and 4.

6. Continuation of 5.

7. Quantitative Chemistry.—Four double laboratory periods (or more as students may elect) per week for one year. 4.

This is a course in general quantitative analysis in which the diligent student has sufficient practice in both gravimetric and volumetric processes to make him an accurate, confident, self-reliant worker. He is also required to make several inorganic preparations, choosing mainly those processes which are of industrial interest.

Preparation required: Chemistry 1 and 2 (or 3 and 4) and 5 and 6.

8. Continuation of Course 7.

9. Organic Chemistry.

Two lectures, three double laboratory periods per week for one year. 4.

The work will consist of lectures and recitations on organic chemistry, with laboratory work in preparations, organic reactions, organic analysis, and molecular weight determinations.

Preparation required: 1 and 2 (or 3 and 4), 5 and 6, and 7 (or 8).

10. Continuation of 9. Courses 9 and 10 not eligible separately.

11. Physical Chemistry.—Lectures and recitations in elementary physical chemistry, and laboratory work in physico-chemical methods. Two lectures and three double laboratory periods. Second semester. 2. Preparation required: 1 and 2 (or 3 and 4), 5 and 6, 7 (or 8).

12. Theses.

Physics

Benjamin B. James, A.M., Professor of Physics.

1, 2. General Physics.—Five credits. 3 W. F. 4 T. W. Th. F. S. Freshmen and Sophomores.

Text-books: Carhart's College Physics, Dayton Clarence Miller's Laboratory Physics.

This course is for those desiring a more thoro course in physics than they offered on entering College. It covers in a more general manner and in a more scientific way the ground already covered in the secondary school.

The mathematics of the course is simplified as much as possible, and while in all that is attempted rigidity of proof is regarded as of importance, the course is primarily cultural in nature and designed for general information.

Biblical History and Literature

*The Mr. and Mrs. Matthew Robb Chair.

Theophile J. Meek, A.B., B.D., Professor of Biblical History and Literature.

"Man is incurably religious." Religion is and always has been the greatest factor in the life of man. It is to the Hebrew people that we look for the world's greatest religion, and it is right then that the world should demand some knowledge of that people from her educated men and women. To meet this growing demand the Matthew Robb Chair of Biblical History and Literature has been founded in the University.

The purpose of the Chair is not merely to give instruction, but to systematize the knowledge of the Bible which the student already possesses and to stimulate investigation and research along Biblical lines. The courses are not intended simply for prospective ministers or Christian workers, but for the whole student body.

All the courses are elective. The department is on the same basis as the other departments of the University. Students may select their major in this department as they would in any other, or elect only so much of it as they desire. Points obtained in Biblical His-

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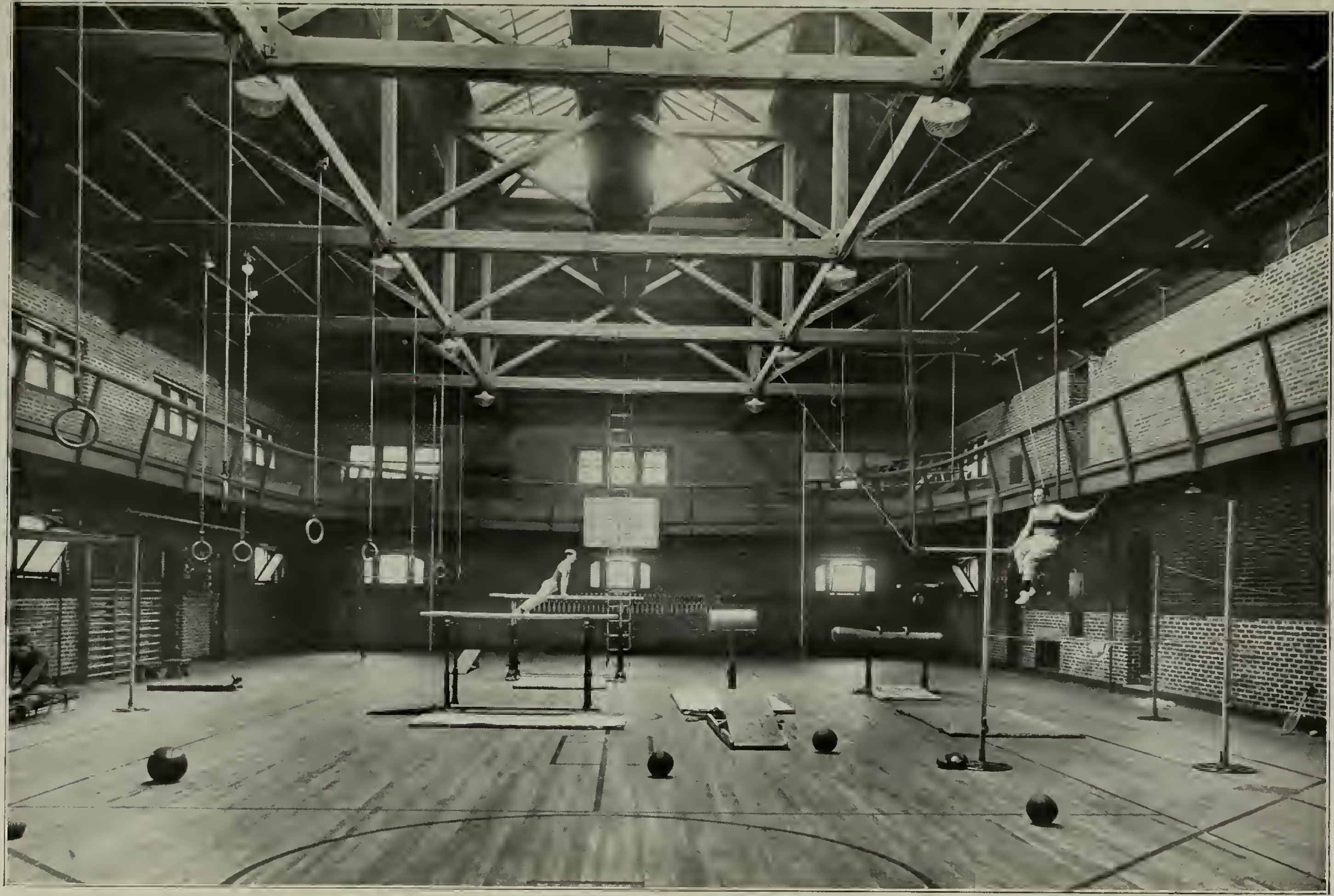
*Endowed in their memory by their daughters, Mrs. Eliza J. Stansbury and Mrs. Lydia E. Phillips.



INTERIOR NEW GYMNASIUM

tory, Biblical Literature and Biblical Greek are credited in the departments of History and Political Science, of English Language and Literature, and Ancient Languages respectively. To enhance the interest and value of the work, the instruction of the class room is illustrated by lantern-slides, photographs, antiques, etc.

The Acolyte Club was reorganized in February, 1910, and is now an adjunct to the department. Membership is open to students intending to enter the ministry, or other active Christian work.

1, 2. Introduction to the English Bible.—What the Bible is; how we got our Bible; languages of the Bible; story of the Canon and Apocrypha; history of the English Bible; its literary character and importance; interpretation of the Bible; question of inspiration; geography and peoples of Bible lands. Lectures and text-book. Price, "Ancestry of Our English Bible." Open to all. 1 point per semester. 4 S.

3, 4. Hebrew History to the Exile.—The forerunners of the Semites; the origin of the Semites and their settlements; the social, political and religious history of the Hebrews through the stages of nomadic origin, settlement in Canaan, monarchy and dissolution of the state. Text-book: Kent, "History of the Hebrew People." Freshmen. 2 points per semester. 4 W. F.

5, 6. Jewish History After the Exile.—The social, political and religious history of the Jews through the stages of exile, return from exile, Persian and Greek domination, Maccabean struggle for liberty, and Roman conquest. Text-book: Kent and Riggs, "History of the Jewish People." Freshmen and Sophomores. 2 points per semester. 3 W. F.

7. The Time of Jesus.—The history of Palestine in the time of Jesus; the life of Jesus; the teaching of Jesus and its relation to the teaching of His day. Text-book: Rhees, "Life of Jesus." Sophomores and Juniors. 2 points. 2 W. F.

8. The Apostolic Age.—The founding of the Christian Church; the life of Paul; the spread of Christianity; the history of the early church; the development of religious ideas and institutions through the period. Text-book: Purves, "The Apostolic Age." Sophomores and Juniors. 2 points. 2 W. F.

9. History of Egypt.—The social, political and religious history of the Egyptians, particularly as it bears on that of the Hebrews. Text-book: Breasted, "History of the Ancient Egyptians." 2 points. 4 T. Th.

10. History of Babylonia and Assyria.—The social, political and religious history of the Babylonians and Assyrians, particularly as it bears on that of the Hebrews. Lectures and text-book: Goodspeed, "History of the Babylonians and Assyrians." 2 points. 4 T. Th.

11, 12. Biblical Literature.—A chronological and analytical study of the literature of the Bible; an intensive study of certain representative writings. Seminar. 2 points per semester. 2 T. Th.

13, 14. Biblical Archeology.—The exploration of ancient sites in Egypt, Syria and Babylonia and their bearing on the Bible. Seminar. 1 point per semester. 2 S.

15, 16. Biblical and Religious Education. (a) Theoretic.—A discussion of what religion is and the relation of the Bible thereto; a study of the psychology of religion. (b) **Practical.**—The necessity of religious education and how best it may be achieved; a study of methods and the practical application of the same; papers by the class on pressing religious problems of the day. Seminar. 2 points per semester. 3 T. Th.

17, 18. Old Testament Hebrew.—Elementary course, Grammar, exercises and the reading of the Book of Genesis. This course is especially adapted to students who have the ministry in view, but is suitable also for those who desire some acquaintance with the elements of Semitic languages. 2 points per semester. 5 T. Th.

19, 20. New Testament Greek.—A philological and exegetical study of selected portions of the New Testament. Some knowledge of Greek is required for this course. 2. 5 W. F.

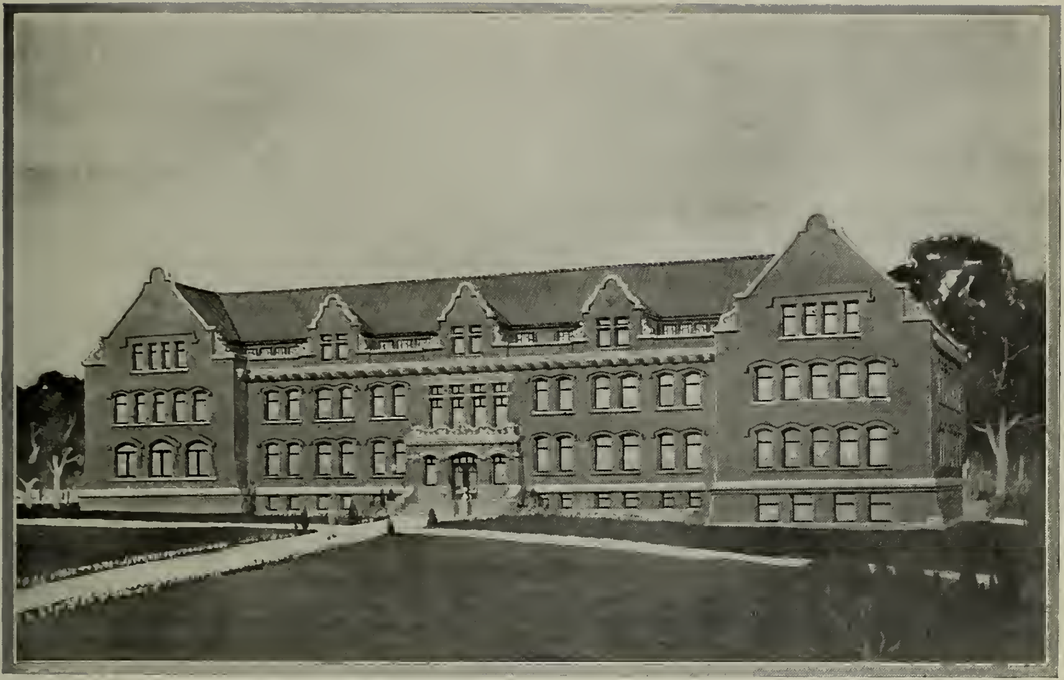
21, 22. Church History.—The history of the Christian Church from about 100 A. D. to the Reformation. Text-book: Zenos, "Compendium of Church History." Juniors and Seniors. 2 points per semester. 2 W. F.

All courses except 1, 2, 19, 20, 21, 22 will be given during the session 1913-14.

Advanced Hebrew and courses in any other Semitic language will be given upon request.

The following course is recommended for those who propose to prepare themselves for religious leadership. Its purpose is the training of religious leaders and specialists to meet the urgent and ever-increasing demand at home and abroad for religious educators, directors and assistants. It is taken for granted that some previous training in Latin and possibly Greek has been received in the High School. For certain of the subjects, Pedagogy or Stenography may be substituted as one desires to qualify as S. S. Specialist or Pastor's Assistant.

Freshman—			
English, 1, 2...........	4.4	**6**	T. W. Th. F.
Mathematics, 1, 2.......	4.4	**5**	T. W. Th. F.
Biology, C. D..........	4.4	**1** **2**	W. F. and T. W. Th. F.
Vocal Expression, 1, 2..	1.1	**1**	S.
Bible, 1, 2.............	1.1	**4**	S.
Bible, 3, 4.............	2.2	**4**	W. F.
Sophomore—			
English, 3, 4...........	4.4	**1**	T. W. Th. F.
English, 15, 16........	1.1	**4**	W.
German, 1, 2..........	5.5	**5**	T. W. Th. F. S.
History, 11, 12.........	4.4	**4**	T. Th. F. S.
Bible, 5, 6............	2.2	**3**	W. F.
Junior—			
German, 3, 4...........	4.4	**7**	T. W. Th. F.
History, 3, 4...........	4.4	**1**	T. W. Th. F.
Greek, 1, 2............	3.3	**6**	T. Th. F.
Com. Fin., 27, 28.....	2.2	**6**	T. W.
Bible, 7, 8	2.2	**2**	W. F.
Bible, 11, 12...........	2.2	**2**	T. Th.
Senior—			
Philosophy, 1, 2, 3......	4.4	**4**	T. W. Th. F.
Vocal Expression, 9, 10	2.2	**1**	T. Th.
Bible, 13, 14...........	1.1	**2**	S.
Bible, 11, 12, Cont'd....	2.2	**2**	T. Th.
Bible, 15, 16...........	2.2	**3**	T. Th.
Bible, 17, 18...........	2.2	**5**	T. Th.
Bible, 19, 20...........	2.2	**5**	W. F.
Thesis			



THE CONSERVATORY OF MUSIC

THE SOUTHEAST ENTRANCE TO THE CAMPUS

THE SCHOOL OF ENGINEERING

THE FACULTY

Albert R. Taylor, Ph.D., LL.D., President.

James D. Rogers, Ph.D., Dean of the College.

Eugene C. Woodruff, Ph. D., Professor of Electrical Engineering.

Fletcher A. Gould, B.S. in C.E., Professor of Civil Engineering

Walter J. Risley, A.M., Professor of Mathematics.

John C. Hessler, Ph.D., Professor of Chemistry.

Thomas W. Galloway, Ph.D., Professor of Geology.

W. Wilberforce Smith, LL.D., Professor of Commerce and Finance.

Benjamin B. James, A.M., Professor of Physics.

Lorell M. Cole, Professor of Manual Training.

Robert J. Kellogg, Ph.D., Professor of Modern Languages

Grace Patten Conant, A.M., Professor of English Language and Literature.

Faith H. Dodge, Ph.B., Associate Professor, Romance Languages.

Guy D. Rodgers, Instructor in Pattern and Foundry Work.

Admission to this school requires the completion of course I or course II in the Academy or its equivalent elsewhere. See pages 9 and 53.

Three two-year introductory courses in engineering are offered: Mechanical Engineering, Electrical Engineering, and Civil Engineering. The work is made thoroughly practical by the use of the shop, the laboratory and the field, and by visits of inspection to plants illustrating engineering practice. Decatur offers superior opportunities for such inspection and study.

The mathematics, drafting, physical and chemical sciences, modern languages, and much of the technical work demanded in the first two years of these three courses are very similar. The specialization leading to the degree in all engineering schools comes largely in the last two years in the course.

The courses for the Freshman and Sophomore years, as here outlined, are intended to fit students for entrance to Junior standing in the best engineering schools and colleges in the country.

Note.—The courses for the Junior and Senior years, approximately as heretofore offered, are also given for convenient reference for students who may wish to take those years elsewhere, tho some modifications will probably be found in some institutions.

Mechanical and Electrical Engineering

Eugene C. Woodruff, Ph.D., Professor of Electrical Engineering.

Charles Edick, Laboratory Assistant.

This course has been planned with the belief that the first essential to a successful engineer is a thorough training in mathematics, the physical sciences and in the fundamental principles of engineering. Attention is given, not only to the study of the theory, but to its practical application in the class-rooms, shops and laboratories. It is in harmony with the best courses in other engineering schools and gives a fine preparation for the Junior and Senior courses almost anywhere. The equipment for these courses is most ample as well as thoroly up-to-date in every respect.

Course of Study for the Degree of B.S. in Mechanical Engineering

Freshman—					
Trigonometry, Algebra, Analytics, Math., 5, 6			5.5	4	T. W. Th. F. S.
Chemistry, Chem. 3, 4..	(6)	(6)	4.4	1 2	W. S. T. W. F. S.
English, Eng. 1c, 2c....			3.3	3	T. Th. F.
Carpentry, Pat. and Foundry, M. E., 1, 2..	(6)	(6)	2.2	5, 6, 7	T. Th.
Drawing, M. E., 7......	(9)	(0)	3.0	5, 6, 7	M. W. F.
Descriptive Geom., C. E., 2................	(0)	(7)	0.3	5, 6, 7	W. S.
Sophomore—					
Calculus, Math. 7, 8....	(5)	(4)	5.4	2	T. W. Th. F. S.
Physics, Phys., 1, 2....	(7)	(7)	5.5 and	4 3	T. W. Th. F. S. W. F.
Mechanics, C. E., 20....	(0)	(2)	0.2	3	T Th.
Mechanical Drawing, M. E., 8................	(9)	(0)	3.0	5, 6, 7	T. Th. S.
Kinematics, M. E., 9....	(0)	(8)	0.4 and	5, 6, 7 1	T. Th. W. F.
Power Plants, M. E., 17.	(2)	(0)	2.0	3	T. Th.
Forging and Machine Shop, M. E., 3, 4....	(6)	(6)	2.2	5, 6, 7	W. F.

See Note Above. These Junior and Senior courses are not offered here now.

Junior—

Mechanics, C. E., 21	(4)	(0)	4.0
Hydraulics, C. E., 16	(0)	(2)	0.2
Direct Cur. Machines, E. E., 1	(4)	(0)	4.0
Electrical Laboratory, E. E., 3, 4	(6)	(6)	2.2
Mechanical Laboratory, M. E., 14, 15	(6)	(6)	2.2
Machine Design, M. E., 10. 11	(6)	(6)	3.2
Steam Engineering, M. E., 18	(0)	(3)	0.3
Stresses in Structures, C. E., 11	(0)	(3)	0.3
Materials of Engineering, M. E., 20	(0)	(1)	0.1
Machine Construction, M. E., 5, 6	(6)	(6)	2.2

Senior—

Thermodynamics, M. E., 21, 22	(4)	(2)	4.2
Machine Design, M. E., 12, 13	(6)	(6)	2.2
Gas Engines, M. E., 19	(2)	(0)	2.0
Mechanical Laboratory, M. E., 16	(2)	(0)	2.0
Philosophy (Phil. 2, 3)	(0)	(4)	0.4
Specifications and Contracts, C. E., 18	(0)	(2)	0.2
Dynamo Lab., E. E., 11	(2)	(0)	2.0
Elective			4.4
Thesis, M. E., 24	(1)	(9)	1.3

Description of Courses. Freshman and Sophomore

1. **Carpentry and Wood-turning.**—Care and the use of tools; exercises in laying out and in the construction of joints and other problems; wood turning; bench and lathe work.

2. **Pattern Making and Foundry Practice.**—The construction of patterns, core-boxes, flasks, etc., and their use in the foundry; moulding, core-making, mixing metals and casting in brass and iron. Prerequisite, courses 1, M. E.

3. **Forge Work.**—Forging and welding in iron and steel; tool dressing, tempering.

4. **Machine Work.**—Chipping and filing, lathe, planer, drill press and milling work; laying out and finishing. Prerequisite, course 3, M. E.

7. **Freehand, Sketching and Lettering.**—Use of pencil and eye in drawing geometrical and curved forms; sketching from engineering objects; freehand lettering; care and use of drawing instruments and exercises in the elements of shop drawing.

8. **Working Drawing.**—Engineering details and assembly drawings, tracing and blue-printing. Prerequisite, course 7, M. E.

9. **Kinematics of Mechanism.**—The relative motions of machine parts, including linkwork, cams, screws, belting, chains, toothed gears, quick return and parallel motion. The construction of point paths, centroids, velocity idagrams, acceleration curves and the theoretical and approximate curves used in tooth outlines and cams. Recitation, lecture and drawing room practice. Text-book: Kinematics, Barr. Prerequisites, courses 5 and 6. Mathematics, and course 8, M. E.

17. **Engineering of Power Plants.**—The study of power plants and power plant machinery, the selection and installation of boilers, engines, pumps, piping, shafting and accessory apparatus. Inspection trips to power plants, with written reports on the same, is made a part of the work. Open to engineering Sophomores. Text-book: Elements of Steam Engineering, Spangler. See Apprentice courses below.

17a. **Power Plant Operation.**—A course open as an elective to students in the 2nd or 3rd year Academy. The work will consist of the actual care and operation of the University Power and Heating Plant, under direction, and is intended to give a practical training to those young men who may wish to take charge of power-plants. The election may be made in either or both of the semesters of the year. See Apprentice courses, below.

Course for the Degree of B.S. in Electrical Engineering

Freshman and Sophomores. The same as for Mechanical Engineering.

See Note Page 24.

These Junior and Senior courses are not offered here now.

Junior—

Mechanics, (C. E. 21)	(4)	(0)	4.0
Steam Engineering, (M. E. 18)	(0)	(3)	0.3
Hydraulics, (C. E., 16	(0)	(2)	0.2
Direct Current Machinery, E. E., 1)	(4)	(0)	4.0
Alternating Current Machinery, (E. E., 2)	(0)	(4)	0.4
Machine Construction, (M. E. 5, 6)	(6)	(6)	2.2
Elect. Design, (E. E. 6)	(0)	(4)	0.2
Electrical Laboratory, (E. E. 3, 4)	(6)	(6)	2.2
Mechanical Laboratory, (M. E. 14, 15)	(6)	(6)	2.2
Machine Design, (M. E. 10)	(6)	(0)	3.0

Senior—

Thermodynamics, (M. E. 21, 22)	(4)	(2)	4.2
Gas Engines, (M. E. 19)	(2)	(0)	2.0
Electric Railways (E. E. 17)	(4)	(0)	4.0
Power Distribution, (E. E. 8)	(0)	(4)	0.4
Design of A. C. Machinery and Distribution Systems, (E. E. 9, 10)	(4)	(4)	2.2
Dynamo Laboratory, (E. E. 11, 12)	(4)	(4)	2.2
Thesis, (E. E. 13, 14)	(6)	(6)	2.2
Philosophy, (Phil. 2, 3).			0.4

See Apprenticeship and Electrical Construction courses below.

Apprentice Courses

To meet the wants of young men who are unable to take a regular course in engineering, and who have a desire to enter one of the mechanical trades, the department in connection with the Academy work offers admission to courses in the following lines: (a) Carpentry and wood turning; (b) Pattern making and foundry work; (c) Machine shop practice and forge work; (d) Stationary engine and boiler practice; (e) Electrical construction.

All such students are also expected to take a course in mathematics, physics and mechanical drawing. The intention is to train to accurate, efficient work with their brains as well as their hands.

The University shops are fitted up with the latest machines and tools and the instruction is conducted along the lines pursued in the best modern shops.

These courses are only for such students as for good reasons do not wish to complete a full course in engineering. The fees will be $40 per semester, which includes laboratory fees. Students attaining sufficient skill may be able to earn part or all their tuition during the last semester at least. To those satisfactorily completing two years' work, 64 poins, will be given a certificate showing proficiency in the line of work pursued.

Applicants must be at least eighteen years of age, though others may be admitted by special arrangements with the President. Students in these classes must conform to the regulations governing Academy students.

Course of Study Leading to a Certificate in Electrical Apprentice Work

First Year—

Algebra, (C. D.).......			5.5	4 T. W. Th. F. S.
Power Plants, (M. E. 17)			2.0	3 T. Th.
Elem. E. E., (E. E. 1a)			2.0	3 W. F.
Elem. E. E., (E. E., 2a)			0.4	3 T. W. Th. F.
Drawing, (M. E., 7a)...	(9)	(0)	3.0	5, 6, 7 M. W. F.
Elec. Wiring, E. E., 15)	(0)	(6)	0.2	5, 6, 7 W. F.
Wood Work, (M. E., 1)	(6)	(0)	2.0	5, 6, 7 T. Th.
Forge & Foundry, (M. E., 2)...........	(0)	(6)	0.2	5, 6, 7 T. Th.
Power Plant Operation (Hours and credit to be arranged).				
Elective			2.3	

Second Year—

Physics, (A. B.).......	(7)	(7)	5.5	1 T. W. Th. F. S. and 2 T. Th.
Geometry, (E. F.).....			5.5	3 T. W. Th. F. S.
Drawing, (M. E. 8a)...	(6)	(0)	2.0	5, 6, 7 T. Th.
Elec. Meas., (E. E., 3a).	(0)	(6)	0.2	5, 6, 7 T. Th.
Mach. Shop, (M. E., 3a, 4a)	(6)	(6)	2.2	5, 6, 7, W. F.
Dynamo & Motor Lab..	(4)	(4)	2.2	2, 3, 4 M. & 4 T.

Electives in Electrical Construction Work

(For both College and Academic students.)

The courses mentioned below are intended primarily to give the student who does not wish to take an engineering course an opportunity to take some of the more interesting and non-technical portions of electrical work without any prerequisite other than his, or her, required work in the general sciences.

Familiarity with the apparatus and the phenomena, rather than with the theories underlying the same and the more technical interpretations of the phenomena, will be the object of the work.

These courses are also recommended to special students, to electrical engineers as preparatory to their regular work, and to students in other branches of engineering to give them a working knowledge of electrical machinery without burdening them with items of no particular interest to them.

E. E. 15 & 16: Wednesday and Friday afternoons.
(a) Elementary Electrical Construction and Wirings.
(b) Construction of Electrical Measuring Instruments.
(c) Construction of Electrical Machines.

E. E. 11a & 12a: Saturday mornings.
Dynamo and Motor Laboratory.
Similar to courses 11 & 12, but briefer and more commercial in nature.

E. E. 3a & 4a: Tuesday and Thursday afternoons.
Electrical Measurements.
Similar to courses 3 & 4, but briefer and more commercial in character.

E. E. 31: Tuesday and Thursday afternoons.
Battery Laboratory, both primary and secondary batteries.

E. E. 32: Wednesday and Friday afternoons.
Gas Engine and Dynamo Laboratory.

E. E. 1a & 2a: Elementary Electrical Machines.
Similar to courses 1 & 2, but involving Mathematics no higher than Algebra.

Civil Engineering

George F. Eckhard, B.S., C.E., Professor of Civil Engineering.

The general courses for civil engineers are similar to those preceding. The technical courses deal less with machinery and more with materials and surveying. The following are among the more important special subjects which are to be considered:

Surveying; strength of materials—wood, iron, and masonry; theories of construction—trusses, bridges, arches, and the like; designing; railway surveying and construction; roadmaking; sewerage, drainage, and paving; hydraulic engineering; designing and construction of canals, tunnels, etc.

The department is equipped with the necessary surveying and railway engineering instruments, including the compass, transit, level, chains, tapes, rods, flag poles, aneroid barometer, sextant, plane table, etc.

Samples of a large variety of the steel shapes from the rolling mills, including the various sizes of beams, channels, angles, tees, and Z bars, in addition to other material, have been placed in the department for the use of students in structural engineering.

The cement-testing laboratory is fitted out with all the appliances necessary for making the standard tests. These are the Fairbanks tensile machine, Vicat and Gilmore needles for rate of setting, LeChatelier's specific gravity apparatus, sieves for fineness, boiling apparatus for accelerated tests, storage tanks, glass molding table, briquette molds, and a full set of other needed small instruments.

Summary Civil Engineering

Freshman—

Mathematics, (5, 6)....			5.5	4 T. W. Th. F. S.
English, (1c, 2c) or.... Modern Languages—German or French or Spanish, (1, 2)*......			4.4	3 T. W. Th. F.
Drawing, Mechanical, (M. E. 7)	(12)	(0)	4.0	5, 6, 7 M. W. 1, 2 F. S. and 3 S.
Descriptive Geometry, (C. E. 2)	(0)	(9)	0.4	1, 2 T. Th. F. S. and 2 W.
Carpentry, (M. E. I)...	(9)	(0)	3.0	5, 6, 7 T. Th. F.
Forging, (M. E. 3).....	(0)	(9)	0.3	5, 6, 7 M. W. F.
Elective			2.3	
Chemistry, (3, 4).......	(6)	(6)	4.4	

Sophomore—

Calculus, (Math. 7, 8)		5.4	2 T. W. Th. F. S.
Physics, (Phys. 1, 2)	(7) (6)	5.4	4 T. W. Th. F. S. and 3 W. F.
Surveying, (C. E. 3, 4)	(11)(12)	5.4	5, 6, 7 T. Th. F. 3 T. Th.
Analytic Mechanics, (C. E. 20)		0.3	3 T. Th. S.
Railroad Curves (C. E. 5)	(0) (3)	0.1	5, 6, 7 S.
English or Modern Language, (3, 4)*		3.3	1 W. F. S.

*Students presenting two years Academy credit in a modern language will take 3, 4. They will be permitted an elective in the Sophomore year.

See Note Page 24. These Junior and Senior courses are not offered here now.

Junior—

Mechanics of Materials, (C. E. 21)		4.0
Hydraulics, (C. E. 16).		0.2
Railroad Engineering, (C. E. 7-8)	(7) (5)	3.3
Graphic Statics, (C. E. 23)	(6) (0)	2.0
Accounting and Auditing, (C. & F. 3)		3.0
Geology, (Geol. 1)		0.4
Materials of Engineering (M. E., 20)		0.1
Engineering Laboratory, (M. E., 15)	(0) (3)	0.2
Stresses in Structure, (C. E. 11)		0.3
Bridge Design, (C. E. 12)	(0) (6)	0.2
Direct Current Machinery (E. E. 1)		4.0

Senior—

Elementary Law, (C. F. 9)		4.0
Philosophy, (Phil. 2, 3).		0.4
Water Supply Engineering, (C. E. 24)	(6) (0)	3.0
Sewerage, (C. E. 25)	(0) (5)	0.3
Bridges and Structures, (C. E. 13)		2.0
Bridge & Structural Design, (C. E. 26)	(9) (0)	3.0
Masonry & Concrete, (C. E. 27)		4.0
Masonry and Concrete Design, (C. E. 28)	(0) (6)	0.2
Masonry & Concrete Tests, (C. E. 29)	(0) (3)	0.1
Roads and Pavements, (C. E. 30)		0.1
Contracts & Specifications, (C. E. 18)		0.2
Tunneling, (C. E. 31)		0.1
Thesis, (C. E. 32)		2.3

Description of Courses, Freshman and Sophomore

2. Descriptive Geometry.—Prerequisite, Solid Geometry and Mechanical Drawing (M. E. 7). Required of all engineering students. Text-book: Miller, Descriptive Geometry. (9). 4.

3. Plane Surveying.—Prerequisite, Plane Trigonometry. Required of all civil engineering students. The work consists of two hours per week recitation work in the theory of surveying, with 9 hours per week field work. Practice is had in the use of the chain, compass, level and transit and later an extended survey is made of some tract of land which is platted in the latter part of the semester. Text-book: Breed and Hasmer's Principles and Practice of Surveying, Vol. 1, and Pence and Ketcham's Surveying Manual. (11). 5.

4. Topographic Surveying.—Prerequisite, Surveying 3. This is a continuation of course 3. It includes the use of the transit, stadia and plane table as applied to the methods of conducting an extended topographic survey. (12). 4.

5. Railroad Curves.—Prerequisites, Surveying 3. A study of the mathematics of simple, compound, reversed, parabolic and spiral easement curves; as well as the methods of staking out and computing earthwork. Text-book: Allen's Railroad Curves and Earthwork. (3). 1.

20. Analytic Mechanics.—Prerequisite, Calculus, 7. This course consists of the study of those problems of mechanics which are the basis of all work in engineering design. Text-book: Hancock's Applied Mechanics for Engineers. (3). 3.

THE SCHOOL OF DOMESTIC ECONOMY

THE FACULTY

Albert R. Taylor, Ph.D., LL.D., President.

James D. Rogers, Ph.D., Dean of the College.

Mabel Dunlap, B.S., Professor of Domestic Art.

Edna L. Skinner, B.S., Professor of Domestic Science.

Thomas W. Galloway, Ph.D., Professor of Biology.

John C. Hessler, Ph.D., Professor of Chemistry.

Robert J. Kellogg, Ph.D., Professor of Modern Languages.

Albert T. Mills, LL.B., A.M., Professor of History and Political Science.

Grace Patten Conant, A.M., Professor of English Language and Literature.

William M. Hekking, B.P., Professor of Fine and Applied Arts.

Benjamin B. James, A. M., Professor of Physics.

William Wilberforce Smith, A.M., LL.D., Professor of Economics and Sociology.

Faith Hunter Dodge, Ph.B., Associate Professor of Modern Languages.

Opal Riddle, Student Assistant in Domestic Art.

Myrtle McDaniel, Assistant Instructor in Domestic Science.

Ann E. Stoker, Student Assistant in Domestic Science.

The courses offered by the School of Domestic Economy are designed to serve two purposes. The first is to offer elective courses which are advised and available as part of the general education of all the young women of the College. For this purpose a certain number of courses are offered having no prerequisites in science. The second is to offer a four-year course to those who wish to specialize in domestic economy. This course leads to the degree of Bachelor of Science in Domestic Economy.

Domestic Economy includes two somewhat specific lines of investigation and practice in the household arts:

1. Domestic Science, which embraces a variety of problems involved in the construction and equipment of the house, in the selection, preparation, preservation and economic uses of foods; in dietetics; in personal and public hygiene; in home nursing and in household administration; complementary courses in chemistry and physiology.
2. Domestic Art, which includes the various problems involved in the selection of materials for garments of all kinds and for the proper artistic furnishing of the home; the processes by which they are produced and prepared; economy in purchasing and using the same; the attainment of skill in sewing, cutting, fitting, and designing garments; the application of artistic principles in millinery; a historical and practical study of textiles and of spinning and weaving and household decoration; complementary courses in fine and applied arts.

Methods of teaching domestic science and domestic art, including practical teaching is made a special feature of these courses.

Candidates for the degree in this course must give evidence of having satisfactorily completed a four-year course in an accredited high school.

Students completing the following courses are awarded the degree of Bachelor of Science in Domestic Economy.

Course Required for the Degree of B.S. in Domestic Economy

Students in this course may major either in Domestic Science or Domestic Art. Certain subjects are required in both as follows:

Modern Languages	16 points	
English Literature and Composition	16 points	
Philosophy	8 points	
Pedagogy	4 points	
		44 points

In addition, those majoring in Domestic Science are required to take—

Laboratory Science	24 points	
Domestic Economy Subjects	46 points	
Sociology	4 points	
Applied Art	8 points	
Elective	4 points	
Collaterals	2 points	
		88 points
		132 points

In addition, those majoring in Domestic Art are required to take—

Laboratory Science	16 points	
Domestic Economy Subjects	44 points	
History	8 points	
Fine and Applied Arts	16 points	
Collaterals	4 points	
		88 points
		132 points

Summary, Four-Year-Course, Domestic Science

Freshman—

Domestic Economy, 1, 2			2.2	1 T. F.
Domestic Science, 3, 4..	(5)	(5)	3.3	Sec. I. 5, 6, T. Th. 1 W. Sec. II. 5, 6, W. F. 1 W.
Domestic Art, 1, 2.....	(4)	(4)	2.2	Sec. I. 5, 6 T. Th. Sec. II. 5, 6 W. F.
English, 1, 2...........			4.4	2 T. W. F. S.
Chemistry, 1, 2.........	(6)	(6)	4.4	1, 2 Th. 3, 4 S. and 3 W. F.
Applied Art, 9, 10......	(4)	(4)	2.2	3, 4 T. Th.

Sophomore—

Domestic Science, 5, 6..	(4)	(4)	2.2	3, 4 W. F.
Domestic Science, 11, 12.	(6)	(6)	4.4	6, 7 T. W. Th. F.
Domestic Art, 3, 4.....	(5)	(5)	3.3	3, 4 T. Th. and 6 F.
English, 3, 4..........			4.4	1 T. W. Th. F.
Biology, C. D.**.......	(6)	(6)	4.4	2 T. W. Th. F. S. and 1 S.

**If the student has completed Biology in the Academy, she will be permitted to elect eight points instead from subjects not already in this summary.

Junior—

*Domestic Science, 7, 8..	(4)	(4)	2.2	3, 4 T. Th.
Domestic Science, 18...			0.2	7 W. 6 F.
Domestic Economy, 17..			2.0	7 W. F.
Pedagogy, 1............			4.0	2 T. W. Th. F.
Sociology			2.2	6 T. W.
German, 1, 2 or........			5.5	1 T. W. Th. F. S.
French, 1, 2...........			5.5	2 T. W. Th. F. S.
Applied Art, 1, 2......	(4)	(4)	2.2	Sec. I. 5, 6 T. Th. Sec. II. 7, 8 T. Th.

*Not given in 1913-14.

Senior—

Domestic Science, 9, 10			2.2	1 T. Th.
Domestic Economy, 15, 16			2.2	6 T. Th.
Domestic Economy, 19, 20			1.1	
Biology, 5.............			4.0	5 T. W. Th. F.
Philosophy			4.4	4 T. W. Th. F.
German, 3, 4 or........			4.4	2 T. W. Th. F.
French, 3, 4...........			4.4	3 T. W. Th. F.

Summary, Four-Year Course, Domestic Art

Freshman—

Domestic Economy, 1, 2.	(4)	(4)	2.2	1 T. F.
Domestic Art, 1, 2......	(4)	(4)	2.2	Sec. I. 5, 6 T. Th. Sec. II. 5, 6 W. F.
Domestic Science, 3, 4..	(5)	(5)	3.3	Sec. I. 5, 6 T. Th. 1 W. Sec. II. 5, 6 W. F. 1 W.
English, 1, 2...........			4.4	2 T. W. F. S.
*Chemistry, 1, 2.......	(6)	(6)	4.4	1, 2 Th. 3, 4 S. 3 W. F.
Applied Art, 9, 10......	(4)	(4)	2.2	3, 4 T. Th.

*Elective on approval

Sophomore—

Domestic Art, 3, 4.....	(5)	(5)	3.3	3, 4 T. Th. 6 F.
Applied Art, 1, 2......	(4)	(4)	2.2	Sec. I. 5, 6 T. Th. Sec. II. 7, 8 T. Th.
History, 1, 2...........			4.4	4 T. W. Th. F.
English, 3, 4..........			4.4	1 T. W. Th. F.
Biology**, C. D........	(6)	(6)	4.4	2 T. W. Th. F. S. 1 S.

**If the student has completed Biology in the Academy, it will be an equivalent for the work in the Sophomore year, in which case the student will elect eight points from subjects not already in this course.

Junior—

Domestic Art, 5, 6.....	(3)	(3)	2.2	3, 4 W. F. 1 S.
Domestic Art, 11, 12....	(2)	(2)	1.1	3, 4 W.
Domestic Art, 17, 18....			1.1	2 S.
Applied Arts, 3, 4......	(4)	(4)	2.2	7, 8 W. F.
Applied Arts, 11, 12....			1.1	
Pedagogy, 1...........			4.0	2 T. W. Th. F.
German, 1, 2, or.......			5.5	1 T. W. Th. F. S.
French, 1, 2...........			5.5	2 T. W. Th. F. S.

Senior—

Domestic Economy, 15, 16			3.3	6 T. Th.
Domestic Economy, 17..			2.0	7 W. F.
Domestic Economy, 19, 20			1.1	
Domestic Science, 18...			0.2	7 W. 6 F.
Biology, 5.............			4.0	5 T. W. Th. F.
Philosophy			4.4	4 T. W. Th. F.
Fine Arts, 19, 20.......			1.1	4 S.
German, 3, 4, or.......			4.4	2 T. W. Th. F.
French, 3, 4............			4.4	3 T. W. Th. F.

DESCRIPTION OF COURSES

Domestic Economy Subjects

1. Domestic Economy.—House structure, sanitation, and cost. This course includes the following topics: Evolution of homes, situation, plan, construction, drainage, water supply, heating, lighting, ventilation. Open to all college students. Lectures, class and reference work. First semester. 2 points. 1 T. F.

2. Domestic Economy.—This course includes the study of artistic house furnishing as applied to floors, woodwork, ceilings, and walls; study of carpets, draperies, furniture and other household furnishings from their artistic and economic values. Continuation of Domestic Economy, 1. Second semester 2 points. 1 T. F.

15, 16. Domestic Economy.—Theory and practice of teaching domestic science and art. This course is designed to present methods of teaching domestic economy in schools of all grades. It includes a consideration of courses of study; school curriculum, equipment and cost of maintenance; planning and presentation of lessons to classes. (Hours for extra work arranged). Open to seniors in domestic economy. Lectures, class work and practice teaching. 2 points per semester. 6 T. Th.

17. Domestic Economy.—Household administration; evolution of family and home; present social value of home; organization of household; expenditure of income; care of house and family; systematic methods of housekeeping. Recommended to Juniors and Seniors. Parallel course, sociology; lectures, collateral reading. First semester. 2 points. 7 W. F.

19, 20. Domestic Economy.—Graduation Thesis. Hours to be arranged. (2).

Domestic Science Subjects

3, 4. Domestic Science.—Cookery of Foods. This course includes a study of the classification, selection and preparation of food; changes affected by heat and cold upon different foods according to their composition. Lectures and laboratory work. Open to all college students. 3 points per semester.
First section 1 W. 5, 6 T. Th.
Second section 1 W. 5, 6 W. F.

5, 6. Domestic Science.—Experimental Cookery. This course includes a study of the preservation and economic uses of foods, including adulterants and substitutes. Attention is given to the study of recipes, and the comparative cost of the materials involved with special stress on weights and measures, and the use of the thermometer in processes of cookery. Lectures and laboratory work.
Prerequisites—Domestic Science 3, 4; Chemistry 1, 2.
Parallel Courses—Domestic Science 11, 12; Biology C. D.
Two points per semester. 3, 4, W. F.

7. Domestic Science—Preparation of Meals and Table Service.—This course includes the study, planning and cooking of breakfasts, luncheons, dinners and suppers, also various methods of garnishing and serving with especial regard to limitations of cost.
Prerequisites—Domestic Science 3, 4; Domestic Science, 5, 6; Chemistry 1, 2; Domestic Science 11, 12.
First semester—2 points; 3, 4, T. Th.
Not given in 1913-14.

8. Domestic Science.—Demonstration Cookery. This course aims to give practice to students, preparatory for public lectures and demonstrations, such as are useful for general teaching, and also for instruction in farmers' institutes, women's clubs, and other fields.
Prerequisites—Domestic Science 3, 4; Domestic Science 5, 6; Domestic Science 7; Chemistry 1, 2; Domestic Science 11, 12.
Second semester 2 points; 3, 4, T. Th.
Not given in 1913-14.

9, 10. Domestic Science.—Dietetics. This course aims to present the fundamental principles of human nutrition, and to teach their application under varying conditions of health and disease. Typical dietaries are planned to satisfy various requirements in families.
Prerequisites—Domestic Science 3, 4; Domestic Science 5, 6; Domestic Science 7, 8; Chemistry 1, 2; Domestic Science 11, 12.
Two points per semester. 1 T. Th.

11, 12. Domestic Science.—Household Chemistry. This course includes a study and analysis of household materials, such as fuels, foods, water, leavening agents, beverages, and detergents; also the theory of saponification and soap making. Lectures and laboratory work.
Prerequisite—Chemistry 1, 2.
Four points per semester. 6, 7 T. W. Th. F.

18. Domestic Science.—Home Nursing. This course includes a study of the care of family health; simple diseases and their prevention; the care of young children and invalids; invalid dietaries; first aid to the injured. It is recommended that Biology 5, 6 be pursued as a parallel course. Open to all advanced students.
Second semester 2 points. 7 W. F.

21, 22. Domestic Science.—General Course. A special class will be arranged for housekeepers or teachers; the nature of the work presented to depend upon those registering for the course.
One point per semester. 3, 4, S.
This course requires a registration of at least five students.

Students majoring in Domestic Science are advised to elect from the following:

Domestic Art, 5, 6.
Domestic Art, 11, 12.
Domestic Art, 13, 14.
Domestic Art, 17, 18.
Industrial History, 1, 2.
Applied Arts, 3, 4.
Fine Arts, 19, 20.
Bible Study.
Pedagogy, 2.
Biology, 6.

Domestic Art Subjects

1, 2. Domestic Art.—Plain Sewing. This course includes practice in hand and machine sewing; application of stitches to under-garments and simple dresses; study and use of commercial patterns; knitting, crocheting, darning and simple embroidery; discussion of materials as to costs, widths, suitability and comparative wearing quality. Students provide their own material subject to the approval of the instructor. Open to all college students. 2 points per semester. Section I. 5, 6 T. Th. Section II, 5, 6 W. F.

3, 4. Domestic Art.—Dressmaking. This course includes the making of unlined dresses in silk and wool suitable for school and afternoon wear; the discussion of materials to costs, widths, required amounts, suitability and comparative wearing qualities; drafting, cutting and fitting of patterns; drafting, cutting and making of tailored shirt waists; discussion of Consumers' League work in connection with the economic and social problems of the needle trades. Students provide their own materials subject to the approval of instructor. Lectures and laboratory work. Prerequisites D. A. 1, 2. Parallel courses A. A. 1, 2 and D. A. 11, 12. 3 points per semester. 3, 4, T. Th., 6 F.

5, 6. Domestic Art.—Advanced Dressmaking. This course includes the making of lingerie, afternoon and evening dresses, and aims to give students some skill in handling and draping such materials as chiffon and silk. Students also have lessons in tailoring in the shrinking, sponging and pressing of materials and making of cloth skirts. The parallel lecture course offers instruction in history of lace, tapestries, etc. Students provide their own materials subject to the approval of the instructor. Lectures and laboratory work. Prerequisite D. A. 1, 2 and D. A. 3, 4. Parallel courses D. A. 17, 18 and A. A. 3, 4. 3 points per semester. 3, 4 W. F., 1 S.

9, 10. Domestic Art. General Course. A special course will be arranged for housekeepers or teachers, the nature of the work depending upon those registering for the course. This course requires a registry of at least five students. 1 point per semester. 3, 4 S.

11, 12. Domestic Art.—Millinery. This course includes practice in making frames from buckram, willow and wire; covering with velvet, net and straw; lining and finishing; pressing and renovating velvet and ribbons. Students furnish their own material subject to the approval of the instructor. Prerequisite D. A. 1, 2. 1 point per semester. 3, 4 W.

13, 14. Domestic Art.—Fine Needlework. This course includes the making of French embroidery suitable for lingerie, dress and household linens; shadow embroidery; Irish crochet; tatting, knitting, cross-stitch and Swedish weaving; French knots, rick-rack, Munich embroidery and cut-work. Elective to students having a knowledge of plain sewing with some skill in needlework. Students furnish their own material. No laboratory fee with this course. 1 point per semester. 5, 6 W.

17, 18. Domestic Art.—Textiles. This course includes the study of the primitive forms of textile industries and the development of these into the present methods of spinning, carding and weaving; the growth, manufacture and finishing processes of cotton, wool, silk and linen; the testing of fabrics for adulterants. Students are given opportunity for practical work on looms in weaving of rugs, table-runners and towels. 1 point per semester. 2 S.

Students choosing Domestic Art as their major are advised to elect from the following:

Domestic Art, 13, 14.
Fine Arts, 21, 22.
Domestic Science, 5, 6.
Manual Training, 9, 10.
Pedagogy, 2.
Biology, 6.
Chemistry, 1, 2.
Bible, 1, 2.

Special Teachers' Certificate Courses

A two-year teacher's certificate course in Domestic Art or Domestic Science is offered under the following conditions:

1. The candidate must present the regular college entrance requirements, and,

2. One or more years of experience in teaching or administrative work of such character as may be approved by the College.

A three-year teachers' certificate course including the first two years' regular work and thirty-two hours additional designated work from the Junior and Senior college courses.

Special Certificates

Certifying the completion of two years' work in either department will be issued to students entitled to the same.

The requirements for the two-year course for the certificate in Domestic Science are:

Domestic Science subjects	28 points
Domestic Art subjects	10 points
Chemistry	8 points
English	8 points
Pedagogy	8 points
Applied Art, 9, 10	4 points
Total	66 points

First Year—

Domestic Economy, 1, 2.	(2)	(2)	2.2	1 T. F.
Domestic Science, 3, 4..	(5)	(5)	3.3	
			Section 1.	5, 6 T. Th. 1 W.
			Section II.	5, 6 W. F. 1 W.
Domestic Art, 1, 2.....	(4)	(4)	2.2	
			Section 1.	5, 6 T. Th.
			Section II.	5, 6 W. F.
English, 1, 2...........			4.4	
			Section 1.	2 T. W. F. S.
			Section II.	6 T. W. Th. F.
Chemistry, 1, 2.........	(6)	(6)	4.4	1, 2 Th., 3, 4 S. 3 W. F.
Applied Art, 9, 10......	(4)	(4)	2.2	3, 4 T. Th.

Second Year—

Domestic Science, 5, 6..	(4)	(4)	2.2	3, 4 W. F.
Pedagogy, 1, 2.........			4.4	2 T. W. Th. F.
Domestic Science, 9, 10			2.2	1 T. Th.
Domestic Science, 18...			0.2	7 W., 6 F.
Domestic Economy, 15, 16			2.2	6 T. Th.
Domestic Art, 3, 4.....	(5)	(5)	3.3	3, 4 T. Th. 6 F.
Biology, 5.............			4.0	5 T. W. Th. F.

Students pursuing the special Certificate Course in Domestic Science are advised to elect from the following:

Domestic Economy, 17.
Industrial History, 1, 2.
Fine Arts, 19, 20.
Bible.
Biology, 6.

The requirements for the two-year course for the certificate in Domestic Art are:

Domestic Art Subjects..................	26 points
Domestic Science Subjects................	12 points
Fine and Applied Arts Subjects...........	12 points
History and English Subjects.............	16 points
Total	66 points

First Year—

Domestic Economy, 1, 2			2.2	1 T. F.
Domestic Art, 1, 2.....	(4)	(4)	2.2	
			Sec. I.	5, 6 T. Th.
			Sec. II.	5, 6 W. F.
Domestic Science, 3, 4..	(5)	(5)	3.3	
			Sec. I.	5, 6 T. Th. 1 W.
			Sec. II.	5, 6 W. F. 1 W.
Applied Art, 9, 10......	(4)	(4)	2.2	3, 4 T. Th.
Fine Art, 19, 20........			1.1	4 S.
English, 1, 2...........			4.4	
			Sec. I.	2 T. W. F. S.
			Sec. II.	6 T. W. Th. F.
Domestic Art, 11, 12....	(2)	(2)	1.1	3, 4 W.

Second Year—

Domestic Art, 3, 4......	(5)	(5)	3.3	3, 4 T. Th. 6 F.
Applied Art, 1, 2......	(4)	(4)	2.2	
			Sec. I.	5, 6 T. Th.
			Sec. II.	7, 8 T. Th.
Domestic Economy, 15, 16			2.2	6 T. Th.
Domestic Economy, 17..			2.0	7 W. 6 F.
Biology, 5..............			4.0	5 T. W. Th. F.
Pedagogy			4.4	2 T. W. Th. F.
English, 3, 4, or.......			4.4	1 T. W. Th. F.
History, 1, 2...........			4.4	5 T. W. Th. F.

Students pursuing the special certificate course in Domestic Art are advised to elect from the following:

Domestic Science, 18.
Domestic Art, 17, 18.
Bible.
Biology, 6.

THE SCHOOL OF FINE AND APPLIED ARTS

THE FACULTY

Albert R. Taylor, Ph.D., LL.D., President.

James D. Rogers, Ph.D., Dean of the College, Lecturer on History and Sculpture.

William M. Hekking, B.P., Professor of Fine and Applied Arts, Lecturer on Art Appreciation and Artistic Anatomy.

Thomas W. Galloway, Ph.D., Professor of Biology.

Grace Patten Conant, A.M., Professor of English Language and Literature.

Robert J. Kellogg, Ph.D., Professor of Modern Languages.

Lorell M. Cole, Professor of Manual Training.

Walter J. Risley, A.M., Professor of Mathematics.

Irene Handlin, B.S. in F. and A.A., Instructor in Fine and Applied Arts; Lecturer on History of Architecture.

Emma L. Baker, B.S., Instructor in Keramics.

Faith H. Dodge, Ph.B., Associate Professor in Romance and Languages.

Elizabeth W. Putnam, Instructor in Fine and Applied Arts.

It is recognized that the serious study of art, or at least an understanding of its principles, is essential to the education of every student, not only for its cultural value, but as an invaluable aid in correct observation and accurate expression.

The art student not only has the satisfaction of creating original and artistic productions in paint or metal of financial worth, but he is able to impart this knowledge successfully to others. The degree graduates of this School are now occupying excellent positions as supervisors of drawing or illustrators in five states.

The school offers two lines of work, the fine arts and the applied arts, open to College students as electives. The Academy courses referred to will be found under similar heading in the academic department.

The courses are so arranged that students desiring to specialize in art may give all of their time to work in one of the eight large and thoroly equipped studios, which are open thruout the day.

The fine arts courses provide a thoro theoretical and practical training in drawing, painting in water colors, oils, or pastels, and modeling; also painting, illustrating and modeling from the living figure. The illustration classes are thoroly practical and take up the problems confronted by the professional illustrator.

In the normal classes, the students are assigned to the city public schools for practice teaching. A juvenile class on Saturday also offers excellent practice for this class.

The applied arts courses embrace the designing and making of rings, bracelets, pendants and other articles in silver, copper, and gold, with the setting of precious stones; leather embossing, pottery, weaving. They create an appreciation of the beautiful in this form of art expression. Special courses treating of color harmony and designing are given for domestic art pupils and machine drawing with the necessary freehand work for preparatory engineering students. A number of lecture courses are open as electives to students with no previous art training.

The equipment of the various craft studios includes electric polishing lathes, planishing and raising hammers, stakes, individual vises, blast lamps and three powerful high fire pottery and china kilns with a united capacity of nearly two barrels of pottery and china. This affords the student an opportunity to work in some of the best equipped studios in the Middle West. The School is also fortunate in the possession of nearly two hundred pieces of still life in copper, brass, pottery and pewter, with a large collection of draperies and costumes.

Art training, with the general education as outlined in the degree course of B. S. in Fine and Applied Arts, affords a unique combination found in but few art schools or colleges, and qualifies the student for the teaching of art or for professional work. The School of Fine and Applied Arts was one of a limited number of institutions of the country requested to exhibit at the International Art Congress in London.

In recognition of their educational value, Fine Arts courses 3, 4, or 5, 6, or Applied Arts courses 3, 4, and 5, 6, including parallel and prerequisite courses, may be offered for eight points of college mathematics, on approval.

The program and outline of courses are given below. For detailed description, see special heading at end of outline. Two hours' work is classed as studio work and counts as one point, except in Fine Arts 15 to 28, inclusive.

Summary, Professional Course B.S. in Fine and Applied Arts

The following subjects are required of all candidates for the Bachelor's diploma for teaching fine and applied arts in the elementary and secondary schools. Work in manual training or domestic art is recommended for electives.

Detail of Courses of Study Leading to the Degree of B.S. in F. A. and A. A.

Freshman—

English, 1, 2*	(4)	4.4	1 T. W. Th. S.
Biology, C. D.**	(6)	4.4	2 T. W. Th. F. 1 W. F.
Design, A. A., 9, 10	(2)	2.2	3, 4 T. or Th.
Sketch Drawing, F. A., 1a, 2a	(4)	2.2	3, 4 W. F.
Cast Drawing, Water Color, F. A., 1, 2	(4)	2.2	5, 6 W. F.
Linear Perspective, F. A., 17	(1)	1.0	7 W.
Artistic Anatomy, F. A., 15, 16	(1)	1.1	7 F.
Still Life, F. A., 3, 4	(4)	0.2	5, 6 T. Th.

*2nd div. 2; 3rd div. 6 period.
**Or its equivalent in science.

Sophomore—

Clay Modeling, F. A., 11, 12	(4)	2.2	1, 2, 3, 4 M.
English, 3, 4***	(4)	4.4	1 T. W. Th. F.
French, 1, 2*	(5)	5.5	2 T. W. Th. F.
Painting in Oil, F. A., 9, 10	(8)	4.4	3, 4 T. W. Th. F.
Pottery, A. A., 1, 2**	(4)	2.2	5, 6 T. Th.
Copper-smithing, A. A., 3, 4**	(4)	2.2	5, 7 W. 5, 6 F.
Applied Design, A. A., 11, 12	(1)	1.1	6 W.
Bible Hist., 1, 2***	(1)	1.1	4 S.

*Or its equvalent in a modern language.
**Or 7, 8.
***Or an elective.

Junior—

Pedagogy, 1, 1a	(4)	4.0	2 T. W. Th. F.
History, 11, 12, or 2a or 2b	(4)	4.4	4 T. W. Th. F.
Portraiture, F. A., 9, 10	(4)	2.2	3 T. W. Th. F.
Mechanical Drawing, M. T., 15	(4)	0.2	5, 6, 7, 8 M.
History of Painting, F. A., 21, 22	(1)	1.1	3 S.
Art Appreciation, F. A., 19, 20	(1)	1.1	4 S.
Silver-smithing, A. A., 5, 6	(4)	2.2	5, 6 or 7, 8 T. Th.
Mural Composition, F. A., 5, 6	(4)	2.2	7 T. W. Th. F.
German, 3, 4*	(4)	4.4	5, 6 W. F.
Vocal Expression, 1, 2*	(1)	1.1	1 S.

*Elective

Senior—

Philosophy, 1, 2, 3, 4	(4)	4.4	4 T. W. Th. F.
Normal Course, Theory & Practice, F. A., 27, 28	(3)	3.3	1 T. W. F.
Hist. of Architecture, F. A., 25, 26	(1)	1.1	1 S.
Thesis, written, F. A., 29	(4)		2 T. W. Th. F.
Thesis, painted, F. A., 30	(8)	0.4	5, 6 T. W. Th. F.
Life Drawing, Painting, F. A., 7, 8	(4)	2.2	3 T. W. Th. F.
Aesthetics, F. A., 31	(1)	1.0	1 Th.
Advanced Modeling, F. A., 13, 14	(4)	2.2	1, 2, 3, 4 M.
Elective		3.	

Certificate Course in Fine Arts

The requirements for a two-year course for the certificate in Fine Arts are given below, with a total of 67 points.

First Year—

Cast Drawing and Water Color Rendering, F. A., 1, 2	(4)	(4)	2.2	5, 6 W. F.
Painting in Oil Color, F. A., 3, 4	(8)	(8)	4.4	3, 4 T. W. Th. F.
Drawing from Life, F. A., 7, 8	(4)	(4)	2.2	5, 6 W. F.
Modeling from Cast, F. A., 11, 12	(4)	(0)	2.0	1, 2, 3, 4 M.
History of Sculpture, F. A., 23, 24			1.1	2 S.
History of Architecture, F. A., 25, 26			1.1	1 S.
Linear Perspective, F. A., 17			1.0	7 W.
English, 1, 2			4.4	1 T. W. Th. S.

Second Year—

Mural Composition, F. A., 5, 6	(8)	(8)	4.4	5, 6 T. W. Th. F.
Painting from Life, F. A., 9, 10	(8)	(8)	4.4	3, 4 T. W. Th. F.
Modeling from Life, F. A., 13, 14	(4)	(4)	2.2	1, 2, 3, 4 M.
Artistic Anatomy, F. A., 15, 16			1.1	7 F.
History of Painting, F. A., 21, 22			1.1	3 S.
Art Appreciation, F. A., 19, 20			1.1	4 S.
General Design, A. A., 9, 10			2.2	3, 4 T or Th.
Pedagogy, 1, 1a			4.0	2 T. W. Th. F.

Certificate Course in Applied Arts

The requirements for a two-year course for the certificate in Applied Arts are given below, with a total of 64 points.

First Year—

History and Craft of Pottery, A. A., 1, 2	(4)	(4)	2.2	5, 6 T. Th.
Craft of the Coppersmith, A. A., 3, 4	(4)	(4)	2.2	5, 6 W. F.
General Design, A. A., 9, 10			2.2	7 W. F.
Applied Design, A. A., 11, 12			1.1	7 W.
Modeling from Casts, F. A., 11, 12	(4)	(4)	2.2	1, 2, 3, 4 M.
Manual Training, 15, 16	(4)	(4)	2.2	5, 6, 7, 8 M.
History of Architecture, F. A., 25, 26			1.1	1 S.
English, 1, 2			4.4	1 T. W. Th. S.

Second Year—

Craft of the Silversmith, A. A., 5, 6	(4)	(4)	2.2	5, 6, 7, 8 T.
Craft of the Goldsmith, A. A., 7, 8	(4)	(4)	2.2	5, 6, 7, 8 Th.
Cast Drawing and Water Color Rendering, F. A., 1, 2	(4)	(4)	2.2	5, 6 W. F.
Handwork for Elementary grades, M. T., 7, 8.	(4)	(4)	2.2	3, 4 W. F.

Fine Arts

Studio Practice

1, 2. Antique Drawing.—It is essential that the student acquire a thoro knowledge of the underlying principles that govern intelligent draftsmanship. With this aim in view, the drawing from cast offers a logical introduction to the succeeding courses. (4). 4 Freshman, 5, 6 W. F. Prerequisite, F. A. B., or its equivalent.

1a, 2a. A Continued Vigorous Search for Construction.—The problem of tone values is introduced. The figure is substituted for the antique. (4). 4 Freshman. 3, 4 W. F.

3, 4. Painting in Oils and Water-Colors.—The aim of this course is to familiarize the student with the laws of color and harmony. Still-life is used. In season this work is carried on out of doors, in the study of landscape. (4). 4 Freshman, Sophomore and Juniors. 5, 6 T. Th.

5, 6. Mural Composition.—This course aims to make a careful, methodical study of the laws governing the balance and composition of line, color and massing in a picture. To stimulate imagination the student is required to make studies for original decorative murals and other compositions. The advanced students are permitted to carry on their sketches for a thesis. The size is limited to 3 x 10 ft. (4). 4 Juniors, Seniors. 5, 6 W. F.

7, 8. Drawing from Life.—Recognizing the importance of the human figure in art, a thoro study of the construction of the figure is here insisted upon. The valued methods used in the French schools are carried out as closely as is practical. (4). 4 Junior, Senior. 3 T. W. Th. F.

9, 10. Portraiture.—The aim of this course is to give the student a thoro knowledge of the construction of the head. Models are used daily and emphasis is placed on the value of an intimate knowledge of artistic anatomy, a prerequisite and a parallel course. The advanced students are permitted to use varied mediums. (8). 8 Sophomore, Junior or Senior. 3, 4 T. W. Th. F.

9a, 10a. Illustration.—This course aims to meet the present demand for competent practical designers and commercial illustrators. The course includes lettering, catalog creating and arranging; designing of covers, head and tail pieces, etc. The accent is continually placed on unique and original ideas. All practical problems are studied and analyzed. This course will only be open to students who have shown by their work in the preceding courses, or their equivalent, that they are sufficiently prepared.

11, 12. Clay Modeling.—This course aims to meet the requirements for normal work. It is an excellent elementary course for those students who wish to continue the fine arts work in the direction of sculpture. Castings from the chip and piece mould are made of the best problems. (4). 4 Sophomore. 1, 2, 3, 4 M.

13, 14. Advanced Modeling.—This course is designed to thoroly prepare the student for serious work in sculpture and practical decorative modeling. It is also aimed to give the normal student a better grasp of the subject. Daily models are used and original compositions developed. (4). 4. Juniors, Seniors and advanced specials. 1, 2, 3, 4 M.

Note.—A small fee to cover the cost of the model is required in Fine Arts 7, 8, 9, 10, 13, 14. Payable with tuition.

History and Theory

15, 16. Artistic Anatomy.—Dealing with the bones and muscles of the body, illustrated with analytical sketches and lectures. A parallel required course to F. A. 1, 2, and of the utmost value to the life class student and in illustration work. Upon completing this course the student will be expected to be able to draw the human figure from memory, illustrate and explain the salient points. (1). 2. 7 F. Freshman, Sophomore.

17. Linear Perspective.—A scientific study of the principles governing mechanical and freehand.

19, 20. Art Appreciation.—A course leading to the understanding and appreciation of the artist's motives and methods, and to an intelligent analysis of the world's greatest masterpieces in art. Intended as an introduction to the study of aesthetics. (1). 2. 4 S. Open to all students of the college.

21, 22. History of Painting.—This course will be given by means of lectures, recitations and collateral reading and is intended to lead to an intimate knowledge of the best examples of painting. 2. Sophomores, Juniors, or Seniors. 3 S.

23, 24. History of Sculpture.—A comparative study of the best examples of Greek and Roman sculpture. 2. 2 S. Given 1914 and 1916.

25, 26. History of Architecture.—A study of the different schools of Architecture, with a careful analysis of the different styles of ornamentation. 2. Seniors. 1 S. Given 1913 and 1915.

27, 28. Theory and Practice of Teaching Art.—Treating of art as a factor in the public school education, planning a course of study for the elementary and secondary schools, presentation in the class room, practice in teaching under observation. Open to Art Seniors. 6. 7 T. W. Th. Given 1914 and 1916.

29. Thesis.—Graduation thesis to be along the line of original research on some topic in art or design.

30. Thesis.—Painted-subject must be approved by the director. (8). 4. 5, 6 T. W. Th. F.

31. Essentials of Aesthetics.—The science of the beautiful as exemplified in nature and the fine arts, with especial emphasis on the arts of representation. Prerequisites, F. A. 19, 20. Second semester. 1 Th. Open to Fine and Applied Arts Juniors and Seniors only.

Applied Arts

Studio Practice and Theory

1, 2. History and Craft of Pottery and Leather.—This course is intended as an introduction to the crafts. The different materials of the handicrafts are considered from the standpoint of utility and beauty. The accent is placed upon clay and its decoration and glazing. The problems include the hand-building and throwing of vase forms and tiles, formation of intricate plaster moulds for poured pottery chocolate sets, etc., involving the duplication of a certain form. Six weeks devoted to the working of leather completes this course. Prerequisite, F. A. A. 9, 10. 4. Sophomore. 5, 6 T. Th., or 7, 8 T. Th.

3, 4. Craft of the Coppersmith.—This course considers advanced problems in clay construction, combined with copper to form articles of practical use for the table or desk. Designs completed in Applied Arts 9, 10 are developed, introducing filing, sawing, piercing and beating copper and its subsequent decoration with repousse, champleve enamel, and other forms of decoration. Prerequisite, A. A. 1, 2; A. A. 9, 10. Open to properly qualified Sophomores and Juniors. 4. 5, 6 W. F., or 7, 8 W. F.

5, 6. Craft of the Silversmith.—Dealing with the designing, forming and enriching with decoration of silver pins, rings, brooches, pendants and other forms of silver craft work. Constructive methods of stone setting, chain making, carving and enameling are studied and applied to these problems. Prerequisite, A. A. 3, 4, 9, 10. 4. Juniors and Seniors. 5, 6, or 7, 8 T. Th.

7, 8. Craft of the Goldsmith.—The character and treatment of gold in ornament, with consideration of built-up designs. Review of the principles of preceding classes by the formation of large center table lamp involving the use of copper, pottery and stained glass. Care of the enamel, biscuit and glost kilns, preparation of firing tables. Analysis of glazes enter into the consideration of this problem. Prerequisite, A. A. 5, 6. 4. Seniors. 5, 6 T. Th.

9, 10. General Design.—Study of the principles of design, with the history and development of historic ornament. This course is conducted by means of problems and collateral reading, photographs and examples of design. Studies and sketches of the various styles of ornament are required in order that the student may have a technical knowledge of the development of design and its relation to sculpture, painting and architecture, thus giving the student valuable knowledge in the various allied courses. Required of all Fine and Applied Arts, Domestic Art and Manual Training degree or certificate students. 4. Freshmen. 3, 4 T., or Th.

11, 12. Applied Design.—Design applied to the Art Crafts. Class work and lectures are required of all students taking Applied Arts courses 3, 4. Designs made in this class are used for all problems in the above metal working classes. 2. Sophomores.

14. Applied Design.—Special training in the preparation of designs for weaving, stenciling, textiles, wall papers. Study of color harmony and design principles applied to house decoration. Required of Domestic Art students. Prerequisite, Applied Arts, 9, 10. Sophomores. 1. 5, 6 S. Second semester. Open to advanced D. A. students in 1913-14.

15, 16. Keramics.—In this course all work must be original to secure college credits. Prerequisite, F. A. A, B, C, D.——A. A. A, B may be substituted for F. A. C, D. See "Special Keramics," for terms. 4.

Special Course in Keramics.—Instruction in this subject includes elementary principles of design and color harmony, the practical applications of designs to Keramics, use of tools and appliances, properties of paints, bronzes, lustres, gold, and methods of firing. Fees, payable in advance, are: One term, 9 weeks, 18 lessons, $10; two terms, 36 lessons, $18. Firing is furnished by the University at fifty per cent standard rates. A new kiln has recently been added which accommodates larger pieces than can usually be fired in college kilns. Recommended parallel course A. A. 9, 10.

THE SCHOOL OF COMMERCE AND FINANCE

THE FACULTY

Albert R. Taylor, Ph.D., LL.D., President.

James D. Rogers, Ph.D., Dean of the College.

W. Wilberforce Smith, A.M., LL.D., Professor of Economics and Commercial Law.

Elmer A. Riley, Ph.D., Associate Professor of Commerce and Finance.

Albert T. Mills, A.M., LL.B., Professor of History and Political Science.

John C. Hessler, Ph.D., Professor of Chemistry.

Robert J. Kellogg, Ph.D., Professor of Modern Languages.

Grace Patten Conant, A.M., Professor of English Language and Literature.

H. C. Stanley, A.M., LL.B., J.D., Assistant Professor of Accountancy and Commercial Practice.

The requirements for admission to the School of Commerce and Finance are stated on page 9 of this Bulletin.

Tho bookkeeping is not required for admission, fair knowledge of it is essential to the study of accountancy and students can reinforce the introductory work in this subject by reviews in the regular Academy classes in bookkeeping.

The courses offered are designed to give scientific training of college grade as a preparation for business life. Students looking toward mercantile employment, banking, brokerage, manufacture, civil or consular service, transportation, accountancy, or commercial teaching, will find these courses introduce them to the study and interpretation of the matters with which they will have to deal in after life. The increasing magnitude and complexity of industrial and commercial enterprises render it expedient that those who aspire to any large measure of business success, obtain, as do professional men, an education planned with reference to their vocation. They should gain some insight into the causes and nature of economic developments and an acquaintance with the more important facts and rules that govern financial operations.

These studies, because of their obvious utility and close relation to current affairs, strongly appeal to young men, yet they are none the less intended and found effective for culture, developing sure mental habits, sane judgment and large outlook upon life. They may be commended to those who expect to become lawyers, journalists, farmers, and to those who have not yet chosen their vocation, and desire studies that will afford the discipline of liberal education together with knowledge most likely to prove of practical value.

The commercial museum and library facilities of the School are excellent and are steadily increasing. Members of the School participate freely in all the general literary and social organizations of the College.

The course leads to the degree of Bachelor of Science in Commerce and Finance. For certain of the studies listed below, electives may be substituted from a large number of courses given in other departments of the University, such substitution being in every case subject to approval by the head of the School.

Summary in Commerce and Finance

Freshman—		
English, 1, 2...........	4.4	6 T. W. Th. F.
Chemistry, 1, 2........(6) (6)	4.4	3, 4 T. Th. 3 W. F.
Geography of Commerce, C. F., 1, 2...........	4.0	2 T. W. Th. S.
Industrial History, History, 2 a. b..........	0.4	5 T. W. Th. F.
German, French or Spanish	4.4	
Sophomore—		
Accountancy, C. F., 3, 4	3.3	4 T. Th. S.
Economics, C. F., 5 a. b.	4.2	5 T.(W.)Th.(F.)
Banking, C. F., 6.......	0.2	5 W. F.
Industries and Resources of U. S., C. F., 7, 8..	2.2	4 F. 5 S.
History, 3, 4...........	4.4	1 T. W. Th. F.
German, French or Spanish	3.3	
Junior—		
English, 3, 4...........	4.4	1 T. W. Th. F.
Elementary and Commercial Law, C. F., 9, 10.	4.4	2 W. Th. F. S.
Distribution and Transportation, C. F., 11, 12	3.3	4 T. W. Th.
Finance, C. F., 13, 14..	3.3	6 Th. F. 3 S.
Accountancy, C. F., 15..	2.2	6 Th. F.

Senior—

Constitutional Law, History, 7	3.0	2	T. W. Th.
International Law, History, 8	0.2	2	T. Th.
Philosophy, (Phil., 1, 2, 3)	4.4	4	T. W. Th. F.
Foreign Commerce, C. F., 16	0.2	1	F. S.
Administration, C. F., 17, 18	4.0	1	W. Th. F. S.
Economic Problems, C. F., 19	1.1	3	T.
U. S. Financial History, C. F., 21	0.3	1	T. W. Th.
Sociology, C. F., 27, 28.	2.2	6	T. W.
Thesis, C. F., 25, 26	2.2		

DESCRIPTION OF THE COURSES

The distinctive courses of the School of Commerce and Finance are twenty-five. The general University catalog may be consulted for description of the prescribed courses in English, Foreign Languages, History, Chemistry, Philosophy.

Commerce

1, 2. Geography of Commerce.—Domestic and foreign, a study of material resources and their availability, industries and the natural causes of their development; diversities of soil, climate, mineral deposits, and of racial character, as the basis of commerce. 4. Freshmen.

7, 8. Industries and Resources of the United States.—A detailed and statistical study; the character, location and extent of natural resources, and of the industries based upon them, their history and probable developments. 4. Sophomores.

11. Distribution.—The manufacturer's and farmer's problem of marketing products, advertising and sales systems, produce markets, middlemen, etc. 3. Juniors.

12. Transportation.—Economic significance of modern development, organization and combination of railway systems, problems of traffic and rate-making, legislative control, the railways, inland navigation and coastwise commerce of United States. 3. Juniors.

16. Foreign Commerce.—Volume and character of imports and exports, governmental regulations, consular service, commercial methods and requirements of foreign nations, recent and prospective developments. 2. Seniors.

Finance

3, 4. Accountancy.—Science of constructing systematic records of business transactions; critical examination of the typical factors in capital and revenue accounts; forms of record and statement used in different enterprises; with illustrative problems and practice. Bookkeeping, a prerequisite. 6. Sophomores.

6. Banking.—Form and functions of currency and credit, bank accountancy, state and federal laws, foreign monetary and banking systems compared with those of the United States, fluctuations in the money market, reserves, note issue, the clearing house. 2. Sophomores.

13. Finance, Private and Corporate.—Investments, problems of capitalization, promotion and financing of construction and operation; combinations and re-organizations. 3. Juniors.

14. Public Finance.—Governmental revenue and expenditures, principles of taxation, customs, excises, municipal bonds, and sinking funds; public domain. 3. Juniors.

15. Accountancy.—Theory, law, and practice as to various reserves, special funds, fiduciary accounts, adjustments, and municipal accounting; purpose and fundamentals of cost accounting; auditing of accounts; with problems and practice.

17. Administration.—Organization and management of industrial and mercantile establishments; distribution of function and control. 2. Seniors.

18. Administration of Civic Business.—Records, publicity, ownership and operation of public service systems. 2. Seniors.

21. Financial and Tariff History of the United States.—Legislation, and experience with respect to currency, banking, debt, income, expenditure, also a history of the tariff policies of the United States. 3. Seniors.

Social Science

5 a, b. Economics.—A general study of the fundamental doctrines of political economy regarding the origin and nature of public and private wealth, land tenure, rents, money, credit, wages, organizations of capital and of labor, markets, insurance, taxes, public utilities, etc. 6. Sophomores.

9. Elementary Law.—The fundamental principles of American jurisprudence; outline and elements of statutory and common law and equity. 4. Juniors.

10. Commercial Law.—Contracts, bills and notes, bailments, agency, partnership, personal and real property, insurance, lease, etc. 4. Juniors.

Constitutional Law.—3. Seniors. See History 7.

International Law.—2. Seniors. See History 8.

19. Economic and Social Problems.—A study of current questions, such as control of corporations, elastic currency, trades unions, municipal reforms, indeterminate sentence, one or more of which may be chosen for special investigation. 2. Seniors.

25, 26. Thesis.—The subject must be chosen before November first of the Senior year, and approved by the head of the School. The thesis must be completed, in typewritten form, and placed in the hands of the advisory teacher by the first of May. It is expected to embody results of original investigation in the line of the student's future occupation. 4. Seniors.

27, 28. Sociology.—A study of social forces, laws, groupings, achievements, and of the population of the United States, its elements, growth and social characteristics. 4. Seniors.

THE SCHOOL OF LIBRARY SCIENCE

THE FACULTY

Albert R. Taylor, Ph.D., LL.D., President.

James D. Rogers, Ph.D., Dean of the College and Lecturer on the Greek Alphabet and Greek and Persian Literature.

Anne M. Boyd, A.B. with Library Science, Librarian and Instructor.

Robert J. Kellogg, Ph.D., Lecturer on Sanscrit and Germanic Alphabets and Literatures.

Theophile J. Meek, A.M., Lecturer on the Semetic Alphabets and Literature.

The professors in the other schools of the College give instruction in their respective subjects as listed below.

The purposes of the courses offered under this head are two-fold: (1) to bring the principles of library economy before the general student in such a way as to enable him to use with advantage any properly arranged library and to assist him in selecting and managing his own library, and (2) to train librarians. The courses are given by lecture, text-book and practice, in which the library itself is the laboratory.

Students completing the following course are awarded the degree of B. S. with Library Science.

Summary Library Science.	B.S. with L.S.	
Freshman—		
English, 1, 2...........	4.4	6 T. W. Th. F.
Chemistry, 1, 2........(5) (6)	4.4	3 W. F. 1, 2 T. 3, 4 S.
Mathematics, 1, 2......	4.4	5 T. W. Th. F.
German or French.....		
Library, 1, 2..........	1.2	2 W. F.
Collaterals	1.1	
Sophomore—		
English, 3, 4..........	4.4	1 T. W. Th. F.
Library, 12, 13........	2.2	
German or French......		
History, 2a, b.........	0.4	5 T. W. Th. F.
Collaterals	1.1	
Library, 3, 4..........	3.2	
Elective	2.1	
Junior—		
History, 3, 4...........	4.4	1 T. W. Th. F.
Library, 5, 6...........	3.3	6 T. Th. S.
Library, 7, 8...........(2) (2)	1.1	
German or French......		
Biology, 3, 4..........	4.4	3 Th. S. 4 W. Th. F. S.
Senior—		
Philosophy, 1, 2, 3......	4.4	4 T. W. Th. S.
Economics, 7..........	4.0	5 T. W. Th. F.
Library, 9, 10, 11.......(2)	3.1	
Fine Arts, 19, 20......	1.1	3 S.
Elective	4.10	

Description of Courses

1. Book-Making.—History of writing, materials, early forms of books, pictographs, manuscripts, the invention and spread of printing, printers' marks, book illustration, book binding (with visits to the local bindery). First semester. 1.

2. Selection of Books.—Various problems in the selection and buying of books for libraries are discussed. Typical books are read, reviewed, and criticised, the "Publishers' Weekly" and leading periodicals, containing book annotations and reviews are systematically examined. Lectures are given on publishers, editions, discounts, etc. Second semester. 2.

3. Reference Work.—Lectures, discussions and problems based on "Kroeger's A. L. A. Guide to the study and use of Reference Books," with special attention given to federal, state, and municipal documents. First semester. 3.

4. Bibliography.—A study of (1) national and trade bibliography, especially of the United States and England, and (2) general and subject bibliography. Lectures are given on the literature and bibliography of special subjects by professors in the respective departments of the University. Second semester. 2.

5. Library Economy.—This course is concerned chiefly with the book in the library before it reaches the reader, and includes the business details involved in ordering books; accession work; the mechanical preparation for the shelves; lectures and practical work on the use of the Dewey Decimal and Cutter Expansive systems of classification; assigning book numbers from the Cutter-Sanborn Author Tables, shelf-listing and dictionary cataloging in accordance with "Dewey's Library School Rules," "Cutter's Rules for a Dictionary Catalogue" and the "A. L. A. List of Subject Headings." First semester. 3.

6. Library Economy.—A continuation of Library Economy 2. The more intricate problems of cataloging are studied, and the ordering and use of the Library of Congress printed cards. Each member of the class is required to make a sample catalog of five hundred books. Lectures are given on problems of library administration, including loan systems, organization, architecture, repairing and binding books, the copyright laws, library laws and other allied topics. Second semester. 3.

7, 8. Elementary Apprentice Work.—The course includes the minor work of a library, such as the mechanical preparation of books for the shelves, work with the books on the shelves to acquaint the students with the books in the library, practice in library handwriting and alphabeting. The course extends through the year. 2.

9, 10. Advanced Apprentice Work.—Students in this class are given the catalog cards of the elementary classes to revise and criticise, do independent cataloging, loan desk and reference work, and receive practical training in the general management of a library. The work extends through the year. 2.

11. History of Libraries.—An account of the foundation and development of ancient, mediaeval and modern libraries, special importance being given to the library in the United States. The class meets once each week during one semester. 1.

12. Alphabets and Foreign Literature.—(1) The invention and development of the alphabet, with special reference to the genealogy of the English alphabet; a study of the Hebrew, Greek, Slavic, Scandinavian, and other alphabets and their transliteration. (2) A brief survey of the more important works in oriental and other foreign literatures. First semester. 2.

13. Library Work With Children.—A study of the child and his literature; the reading and examination of books for children; methods of interesting children in good literature; story telling, what stories to tell and how to tell them; the organization and equipment of the children's room; work with the public schools. Second semester. 2.

COLLATERAL READING

It is supposed that the reading courses in the different departments, especially in the languages, will greatly enlarge the acquaintance of all candidates for the degree in this School with the world's masters, but they can hardly give sufficient familiarity with the various branches of literature, science, history, and the other fields of learning included in the average public library. The efficiency of every librarian depends upon the range and character of his knowledge of books and his skill in utilizing that knowledge in serving his patrons; indeed success in all lines of library management will largely depend upon it.

Acquaintance with the following books will be found invaluable both for their informational and cultural character. They have been selected with great care and will be recognized as quite representative. It is taken for granted that many of them have already been read by candidates in their general or collateral reading, so that the list is made large enough to enable them to make such selections as will make their list as nearly representative as possible. Every student is expected to read one book per month or at least one from each group throughout the college course; many will read more, particularly of the smaller ones. The librarian will be pleased to approve books not in the list, if they are presented for viseing before reading and are regarded as equivalent in value.

I.

Aurelius	Meditations. (Translated by Long)
Ball	Story of the heavens
Clarke	Ten great religions. 2 vol.
Darwin	Naturalist on the "Beagle"
Drummond	Greatest thing in the world
Fiske	Myths and myth makers
Fiske	Through nature to God
Fletcher	Happiness
Gladden	Applied Christianity
Hyde	The college man and the college woman
Lecky	History of European morals. 3 vol.
Locy	Biology and its makers
Plato	Apology, Crito & Phaedo. (Trans. by Church)
Riis	How the other half lives
Spencer	Education
Steiner	On the trail of the immigrant
Tylor	Primitive culture. 2 vol.
Winchell	Sketches of the creation

II.

Bryce	The Holy Roman empire
Carlyle	French Revolution. 3 vol.
Creasy	Fifteen decisive battles
Du Chaillu	Viking age
Howells	Venetian days
Herodotus	Stories of the east. (Trans. by Church)
Irving	Alhambra
Jusserand	English wayfaring life in the middle ages
Kennan	Siberia and the exile system
Livy	Rome
Lummis	Spanish pioneers
Motley	Rise of the Dutch Republic
Norman	Peoples and politics of the far east
Parkman	Oregon trail
Prescott	Conquest of Peru. 2 vol.
Stanley	How I found Livingstone
Wright	Ancient cities
Xenephon	Anabasis
Story of the nations series (any of these).	

III.

Agassiz, E.	Life and letters of Louis Agassiz
Compayré	Abelard and the origin of the University
Eckerman	Conversations of Goethe
Froude	Life of Carlyle
Howells	Literary friends and acquaintances
Keller	Story of my life
Mitchell	About old story-tellers
Plutarch	Lives (Three selected)
Phillips	Toussaint L'Ouverture
Sevigné	Letters
Villari	Life and times of Savonarola
English men of letters series. (Any one of these.)	

IV.

Aeschylus	Antigone
Corneille	Le Cid
Dante	Divine comedy
Euripides	Hippolytus; Medea
Goethe	Faust
Homer	Iliad; Odyssey
Khayyam	Rubaiyat
Kalevala	
Morris	Sigurd the Volsung
Moliere	Tartuffe; L'Avare
Racine	Athalie
Schiller	Wallenstein or William Tell
Virgil	Aeneid
Ovid	Metamorphosis
Symonds	Greek poets. 2 vol.

V.

Arnold	Sweetness and light
Bacon	Essays
Benson	From a college window
Burroughs	Fresh fields
Carlyle	Past and present; Essays on German literature
Henderson	How music developed
Kuhns	Love of books and reading
Macaulay	Essays
Montaigne	Essays
Ruskin	Sesame and lilies
Stevenson	Familiar studies of men and books
Smith	A true captain of industry
Stephens	Hours in a library. 3 vol.
VanDyke H.	Little rivers
Vandyke, J.	The meaning of pictures
Warner	My summer in a garden

VI.

Arabian nights	
Austen	Pride and prejudice
Balzac	Eugenie Grandet
Bronté	Jane Eyre
Cervantes	Don Quixote
Dickens	David Copperfield
Dickens	Martin Chuzzelwit
Eliot	Mill on the Floss
Eliot	Romola
Eliot	Middlemarch
Gaskell	Cranford
Goethe	Wilhelm Meister
Hawthorne	Scarlet letter
Hawthorne	House of seven gables
Hardy	Return of the native
Howells	Rise of Silas Lapham
Hugo	Les miserables
Hugo	Notre Dame
James	Bostonians
Kingsley	Westward ho!
Meredith	Egoist
Reade	Cloister and the hearth
Scott	Guy Mannering
Scott	Kenilworth
Scott	Bride of Lammermoor
Thackeray	Vanity Fair
Thackeray	Henry Esmond
Stevenson	Master of Ballantrae
Stevenson	Dr. Jeckyl and Mr. Hyde
Trollope	Barchester towers
Watson	Beside the bonnie brier bush

THE SCHOOL OF PEDAGOGY

THE FACULTY

Albert R. Taylor, Ph.D., LL.D., President, Philosophy and Pedagogy.

James D. Rogers, Ph.D., Dean of the College, Professor of Ancient Languages, Teachers' Course in Latin.

Benjamin B. James, A.M., Professor of Methods and Management.

William M. Hekking, B.P., Professor of Fine and Applied Arts, Methods in.

Robert J. Kellogg, Ph.D., Professor of Modern Languages, Methods in.

Grace Patten Conant, A.M., Professor of English Language and Literature, Methods in.

Edna L. Skinner, B.S., Professor of Domestic Science, Methods in.

Mabel Dunlap, B.S., Professor of Domestic Art, Methods in.

Lorell M. Cole, Professor of Manual Training, Methods in.

William E. Snyder, Associate Professor of Piano Playing, Musical Pedagogy.

Aage Fredericks, Professor of Violin Playing, Methods in.

Florence G. Smith, Associate Professor of Singing, Methods in.

The profession of teaching differs from the other learned professions in that the prospective teacher, in getting the fundamentals of his general education, is mastering the subject matter of his future profession. In all the work of the institution the needs of the teacher of the subject are considered. Courses are also given in the various departments named especially planned for that purpose.

The following outline of general courses gives a good idea of the work offered. Students completing sixteen hours in the courses named and one hundred twelve hours in the required subjects and remaining electives in the A.B. or technical courses, will be awarded the degree of B.S. with Pedagogy. Graduates of this and other colleges of similar standing will, on completion of one year's work, including at least sixteen hours in general and special pedagogy, be granted a degree corresponding to that held by them with Pedagogy.

GENERAL COURSES

Courses 1, 1a, and 2, 2a are also open to senior academic and special students.

1. Child Study and Elementary Psychology.—A careful review of the genesis and development of the various physical and mental activities of the child, together with normal and abnormal conditions with which all teachers should be fully acquainted; a study of motives and their significance in the developing child, children's instincts, plays, manners and morals, stages of growth, etc. First half of first semester. (4). 2.

1a. The Art of Teaching.—A comprehensive analysis of the fundamental principles of method and their application to the art of teaching in general; the application of same to methods of teaching the different subjects; a variety of practical problems in methodology. Second half, first semester. Freshmen. (4). 2.

2. School Management.—The importance of a rational school system; the organization of the school; the location of the site and the construction of school buildings; the boards of control and their duties; the teacher, his qualifications and functions; courses of study, programs, grading pupils, problems of management of pupils and of classes, etc. First half, second semester. Freshmen. (4). 2.

2a. The High School.—The curriculum; the separate studies, their relative importance, correlation, etc. High School problems; adolescents, questions of discipline peculiar to the period.

3. Philosophy of Education.—The meaning and scope of education as a science and as an art; the prerequisites for an intelligent investigation of both; the elements involved; physical education; the application of psychology in the development of the principles in intellectual education; the act of learning and the relation of the teacher to the same; the culmination of the scheme in the emancipation of the youth and the mastery of his powers thru self-volition; moral and religious culture. Second half, first semester. Seniors and Fellows. (4). 2.

4. History of Education.—Brief but comprehensive reviews of education among oriental peoples; Greek and Roman education; early Christian education; mediaeval educational institutions and methods; the renascences and their relation to modern pedagogy; modern systems in Europe and America; the rise and development of the universities; educational reformers; relation of educational institutions to the progress of civilization. Second semester. Seniors and Fellows. (4). 4.

5. Practice Teaching in the elementary Academy classes under supervision of the principal and the departments interested.

Special Courses

6. Teachers' Course for Ancient Languages; see Latin, courses 13, 14.

7. Teachers' Course for Modern Languages; see German, 11, 12.

8. Teachers' Course for Domestic Science; see Domestic Science, 15, 16.

9. Teachers' Course for Domestic Art; see Domestic Art, 9, 10.

10. Theory and Practice of Teaching Art; see Fine Arts, 13, 14.

11. Teachers' Training Classes in Music; see under Conservatory of Music.

12. Manual Training.

13. Teachers' Course, Methods in Teaching English; see English, Language and Literature.

MANUAL TRAINING

Lorell M. Cole, Professor.

The following courses are designed to give to the students such training as will fit them to take positions as teachers and supervisors of manual training. Students entering them must give evidence of having completed a course equivalent to that of a four years' high school course. A certain amount of technical training or experience may be accepted as part of the above requirements.

Those candidates who satisfy the college entrance requirements and who have supplemented two years of approved manual training work, with two years of regular college work, will be given the degree of Bachelor of Science in Manual Training. Said supplementary subjects must include at least two years of a foreign language, one year of English, one year of mathematics, two years of laboratory science, and one year of advanced pedagogy, including one semester of history of education.

A two-year teacher's certificate course in Manual Training is offered to candidates who satisfy the regular college entrance requirements, and who in addition present with the following two-year special Manual Training course, at least one year of approved teaching experience or administrative work, or another year of college work.

A special certificate attesting completion of the special two-years' course in Manual Training will be issued to any student entitled to the same.

Special Course for Teaching Manual Training in Elementary and Secondary Schools

First Year—		
English, 1, 2...........	4.4	2 T. W. F. S.
Manual Training, 7, 8..(4)	2.2	3, 4 W. F.
Applied Arts, 3, 4......(4)	2.2	5, 6 W. F.
Applied Arts, 1, 2......(4)	**2.2**	**5, 6 T. Th.**
Mechanical Drawing, 15 16 ....(4)	2.2	5, 6, 7, 8 M.
Fine Arts, A...........	2.	3, 4 T. Th.
Manual Training, 12, 13.(4)	2.2	
Manual Training, 9, 10..(4)	2.2	1, 2, 3, 4 S.
Wood Carving, 4.......	2.	
Second Year—		
Pedagogy, 1, 2.........	4.	
History of Industries...	.4	
Manual Training, 1, 2...(4)	2.2	
Manual Training, 3.....	2.	
Manual Training, 5, 11..(4)	2.2	
Pattern Making and Forging, 6, 14........(4)	2.2	
Mechanical Drawing, 17 18 ....(4)	2.2	
Practice Teaching......	.2	
Machine Shop and Motive Power, 19, 20....(4)	2.2	
Elective	2.	
Journal Reading........(2)	1.1	

1, 2. Theory and Principles of Teaching Manual Training; History of Manual Training.—Prerequisites, Manual training 7, 8. About two-thirds of the time assigned to this course will be devoted to the study, investigation and discussion of manual training problems, and one-third of the time to History of Manual Training. Some of the topics considered will be: the place of manual training as a factor in mental development; the industrial phase of manual training; relation of art to manual training; history of the manual training movement; Sloyd and Russian systems; art and manual training; relation to the child; method of presentation in the class room; value of various processes in the different grades, etc. 4.

3. Organization, Equipment and Supplies.—Problems concerning the organization and equipment of manual training schools will be considered and existing practice investigated; cost of equipment, supplies and maintenance; design of apparatus, fixtures, etc. 2.

5. Theory of Woodworking.—This course will include a study of the physical properties and structure of wood; comparative value of different woods for manual training purposes; theory of tool action and tool construction; care of tools; principles of construction in wood, etc. 2.

7, 8. Manual Training for Primary Grades.—This course will involve a study of the processes suitable for handwork in the lower grades of the elementary school, and practice in manipulating materials. It will include paper construction, cardboard work, and knife work. 4.

9, 10. Elementary Woodworking.—Instruction in the use of simple bench tools and in the construction of articles suitable for manual training in the higher grades of the elementary school. 6.

11, 12, 13. Advanced Woodworking.—Prerequisite, Manual Training 10. First semester. Practice in the use of ordinary bench tools, involving construction of articles suitable for manual training in the higher grammar grades and high school. Two semesters, wood-turning. 4.

Practice Teaching.—Excellent opportunities for practice teaching are afforded. Manual training classes from the public schools come to the University for instruction.

In forging, mechanical drawing, pattern-making and machine-shop practice, comprehensive courses are given that fully cover the theory and practice in each subject. Each course is given with special reference to the pedagogical principles involved. In connection with the course in machine-shop practice, practical instruction is given in operating electric motors and steam and gas engines.

PHYSICAL TRAINING

James N. Ashmore, Director.

Mollie Grubel, Physical Training for Women.

The department of physical training supervises and directs all gymnastics and athletic activities. The former embraces the usual courses in gymnastics and the latter includes baseball, basket ball, lawn tennis, foot ball, track work, cross-country runs, etc.

The equipment for both is mentioned elsewhere. The value of regular systematic exercise for the growing youth and for students in general is too well conceded to need argument in its favor.

The courses in gymnastics for women embrace hygienic, corrective and recreative exercises including free gymnastics, fancy steps, clubs, wands, dumb-bells, games, May pole, etc. Their object is to improve bodily health, develop the vital organs, round out a symmetrical form, give grace of movement, teach habits of good posture in sitting and standing and make the entire body subservient to the control of the will. 2 hours per week.

The courses in gymnastics for men extend over two years, beginning with exercises in free gymnastics and in light apparatus and extending thru the usual exercises with heavy apparatus—all organized for the purpose of developing a symmetrical form, vigorous health, ready strength, and quickness of thought and action. They also anticipate the more exacting activities of the athletic field and fit aspirants to contest with their fellows for recognition on the different outdoor teams. 2 hours per week.

The Director coaches the athletic teams, thus giving unity to the indoor and outdoor exercises of the institution.

All of the foregoing work counts one-half point per semester in the required collaterals, with the provision that the members of the athletic teams shall attend the regular gymnastic classes during the winter months, when they are debarred from field work.

These courses are open to all students in all of the departments of the University.

The new gymnasium is most commodious, convenient and attractive in all its appointments and helps greatly to popularize this important department in all well-rounded educational systems.

At least two years' work in gymnastics proper is required of all students in the Academy and in the College. In the latter it is required of freshmen and sophomores.

DEGREES

Rules Concerning Theses

Each candidate for a degree is required to present a suitable thesis upon an approved subject, which must be selected within the range of his major. The subject must be approved by the proper officers before January first of his senior year, and the thesis must be in the hands of the examining committee before May 1st. If the nature of the subject permits, it must be typewritten. It shall not be less than 2,500 words in length for the Bachelor's Degree and in other cases will be determined by the committee in charge. It must be accompanied by all necessary drawings, blue prints, models, and tabular statements. After approval a bound copy must be deposited with the Librarian as the property of the University.

Text-books or other printed matters of a compiled or edited nature will not be accepted as a thesis, unless specially prepared for the degree desired, save as otherwise explicitly provided in the regulations concerning that degree.

Regulations Concerning the Master's Degree

1. The degree of Master of Arts may be granted to graduates of The James Millikin University, or to graduates of other colleges or universities who have completed equivalent courses on the following basis:

(a) In Residentia.—To applicants who complete successfully a prescribed course in residence, the minimum time to be one year. The work shall be equal to at least a year of undergraduate study, and shall be on subjects of an advanced nature. Such work may include advanced courses, which are open to undergraduates. The course may be approved by the committee of the Council, who shall also prescribe and conduct examinations for the year. The applicant shall present a satisfactory thesis to this committee under a general rule for theses. The fee shall be one year's tuition and laboratory fees, and a diploma fee of five dollars, payable under the general rules of the University.

(b) In Absentia.—The applicant shall begin his work not later than October 1st in any year, and shall spend a minimum time of two years upon it. Such work shall be of an advanced character, equal in amount to at least one-half more than the work prescribed for residence. The course shall be prescribed by a committee of the Council, who shall prescribe all examinations, reports, etc., and the regulations concerning their conduct. In no case shall these reports be farther apart than two months. The applicant shall submit a thesis under the general rule for theses. He shall pay a fee of one-half year's tuition at the beginning of each two years and a diploma fee of five dollars under the general regulations of the University.

Work in professional schools, leading to degrees in Medicine, Dentistry, Law, Divinity, and the like, may be counted towards the Master's Degree for not more than one-third the work required for that degree.

2. The degrees of Master of Arts and Master of Science may be granted with specification of the department (as Master of Arts in Greek, Master of Science in Chemistry) to applicants who pursue in residentia or in absentia courses under the general regulations in (1), provided that at least three-fourths of the work done be strictly graduate work in the department specified.

MILLIKIN CONSERVATORY OF MUSIC

THE FACULTY

Albert R. Taylor, Ph.D., LL.D., President.

James D. Rogers, Ph.D., Dean of the College.

Hermann H. Kaeuper, Director and Professor of Piano Playing.

Ada Emilie Lindsay, A.B., Secretary.

Frederick H. Baker, Associate Professor of Piano Playing.

William B. Olds, Professor of the Art of Singing.

William Erhart Snyder, Professor of Pipe-Organ Playing and the Art of Teaching Piano Playing—Associate Professor of Piano Playing.

Aage Fredericks, Professor of Violin Playing and Theoretical Branches.

Miner Walden Gallup, Associate Professor of Piano Playing.

Florence Gertrude Smith, Associate Professor of the Art of Singing, Sight Reading and Ear Training.

Rose A. Borch, Associate Professor of the Art of Singing and Psychology of Music.

Louise Seymour, Instructor in Piano Playing and Harmony.

Nellie Gebhart, Instructor in Piano Playing.

Ora B. Rogers, Instructor in Piano Playing.

Lillie Ashby, Instructor in Piano Playing.

Rose Corbin, Instructor in Piano Playing.

Gertrude Darrett Evans, Instructor in the Art of Singing, History of Music, and Public School Music Methods.

Sylvia Fisk, Instructor in Piano Playing.

Ruth Lavery, Instructor in Violin Playing.

George O. Lillich, Instructor in Piano Playing.

Anna Whitmer McNabb, Instructor in Piano Playing.

Rose Stratton, Instructor in Piano Playing.

Robert Walter, Instructor in Wind Instruments.

Grace Wandel, Instructor in Piano Playing.

THE OBJECT OF THE CONSERVATORY

Millikin Conservatory of Music has for its object not only the diffusion of thoro musical knowledge but also the development and refinement of the minds, characters and tastes of those who come under its influence. The institution attempts for its students superior proficiency by a well regulated and scientific plan of instruction, not only for those who wish to devote themselves to music as artists and teachers, but also for amateurs whose chief object is to acquire a correct knowledge of music.

It prides itself on the artistic attainments of its pupils. Thoroness is its motto. The prices for tuition have been made as low as possible, consistent with its high aims.

The advantages of instruction here are many. The proper conditions and appliances, with which to develop the talents of the students, are at hand and students have the advantages free of cost of the study of ear training and sight reading, fundamental harmony, history of music, ensemble playing, public performance, etc., which are so very necessary to a complete musical training. Attendance at concerts and recitals is also free. Send for special illustrated catalog of the Conservatory of Music and learn of many other advantages in this institution of musical learning.

THE NEW CONSERVATORY BUILDING

Millikin Conservatory of Music is now located in the artistic and homelike new building, erected by the Trustees of the estate of Mr. James Millikin, the University's worthy founder and benefactor.

The building contains eighty-two rooms and a recital hall. On entering the building one is impressed by the refined dignity of color and line in the corridor and administration rooms. On the first floor, in addition to several teaching rooms and the recital hall, are the library, the general office, and offices of the director and secretary. The indirect lighting system used thruout the main floor has proved an advantage of great beauty.

The interior is in pure Gothic style. In planning this building the aim has been to make the Conservatory "homelike" rather than institutional in character.

The library in eucalyptus wood finished in its natural color, with walls in a beautiful tone of green, is a room of rare beauty. The entire effect, with old English furniture and the charming ingle nook with its fireplace of tapestry brick, makes an inspirational place for study.

The director's office with its massive furniture and large bay windows, is unusually attractive.

The recital hall for recitals, public performance classes, and lectures, has a seating capacity of two hundred. This room is considered a gem of art with its beautiful leaded-glass windows and its fine colors of gray and brown in the wood work and walls. The wood is bird's-eye maple finished in silver-gray color. The platform presents a charmingly designed Gothic organ screen back of the two grand pianos. This room impresses one with an atmosphere of dignified refinement and peace.

The basement, second and third floor rooms are for class and private teaching and practice purposes.

PLAN OF EDUCATION

Students of the Conservatory are classified as collegiate, academic and elementary.

Students are admitted to the collegiate department on completion of four grades of any practic music course with the accompanying collateral courses. Collegiate students begin the obligatory studies with the beginning of the year. Instruction is offered in all studies appertaining to each specialty, the more advanced education in solo and ensemble playing, solo and chorus singing, and participation in musical performances. The classes for training teachers of music are included in the collegiate department.

The academic and elementary departments are preparatory to the collegiate department, offering both general and special instruction. This arrangement gives even elementary pupils the advantage of instruction in a well-appointed school.

The highest ideals in musical art are kept constantly before the student, and the utmost care is exercised in every branch. It is the aim of every faculty member to develop genuine and sincere musicianship in the students.

Students are urged to continue their studies in the liberal arts courses to be able to grow into more capable musicians and interpreters of life problems. This Conservatory is said to possess a closer union than other conservatories with the university plan of arranging courses of study. Credit is given for music toward graduation from the Millikin Academy and University. The educational value of music study, rightly pursued, is demonstrated in the work of this Conservatory.

DIPLOMAS AND CERTIFICATES

Diplomas are conferred upon students in the Collegiate Department who have been in the Conservatory at least one year and who have completed the required course in any practic subject with the required collateral work.

Certificates are issued to students in the Collegiate Department who have completed specified work.

For specific information concerning these honors read the complete catalog of the Conservatory. It is impossible to estimate the time it will require a student to complete any course of instruction. Some pupils take two years to accomplish what others can do in one year. So much depends upon the general educational ability of the student, the talent possessed, and the application to intelligent and conscientious study and practice. The individual needs of each pupil are considered in planning each group of courses of study.

BEGINNERS ARE WELCOME

Beginners are admitted, and may be assured, when commencing their studies here, that they will not later be compelled to retrace their steps, but that their progress will be certain and steady.

Some persons have the erroneous idea that the pupil should arrive at a certain stage of advancement before coming to the University for music study. This postponement is not advisable. It is of great advantage to a pupil to have his studies in the elementary grades directed according to the thoro and scientific pedagogic methods used in this Conservatory.

TIME FOR ENTRANCE

The collegiate year is divided into four terms but students may enter at any time and tuition will be charged for the part of the term remaining at the date of entrance. It is urged, however, that students begin their study as near the opening of the year as possible, so that they may obtain desirable hours for lessons, and gain the advantage of assignment to the first classes organized, thus losing none of the free instruction which is given to regular students.

COURSES OF STUDY

Outlines of the thirty-seven different courses offered in the Conservatory may be found in the special Conservatory catalog. The various titles of courses are enumerated in this catalog under the head "Tuition Fees," on page 48.

LITERARY-MUSIC COURSES

Academic and Collegiate

In harmony with the opinions of the most advanced pedagogical authorities, the University offers courses of study in the Academy and College which include the study of music as an integral part of an academic or collegiate education.

In combining music with the regular studies many advantages will accrue to the student. The value of music as a vital factor in broadening the mental faculties, in strengthening the moral character and in furthering the physical development is recognized as of equal importance with other elective subjects.

The Academic and Collegiate courses consist of four years' work each, in which the study of music constitutes one-fourth of the required work.

The course for academic graduation includes:

Music	32 points
German, French, Latin or Greek	24 points
Mathematics exclusive of Arithmetic	10 points
English	30 points
Domestic Science and Chemistry or Physics	8 points
History	4 points
Fine Arts A, B, C and D	8 points
Biology	8 points
Collaterals	4 points
Elective	4 points
	132 points

Music is to be continuously and satisfactorily pursued during the entire course.

A student may take only one four-years' Literary course, either the Academic or the Collegiate, but not both of them. A regular High School or Academy graduate may pursue the Collegiate Literary-Music course but a graduate from the Academic Literary-Music course cannot enroll for the Collegiate Literary-Music course, but may enroll for a regular College course and take 16 points in College music courses as electives and count them toward College graduation. This is more fully explained under the next head, "Electives in Music."

The course for collegiate graduation includes:

Music	32 points
German, French, Latin or Greek	32 points
English Literature and Composition	16 points
Mathematics	8 points
History and Economics	8 points
Biology	8 points
Philosophy	8 points
Collaterals	4 points
Elective	16 points
	132 points

NOTE.—Fine Arts Courses 3, 4 and 5, 6, or Applied Arts 3, 4 and 5, 6, may be substituted for eight points of College Mathematics on approval.

The above course leads to the degree of Bachelor of Science in Music.

ELECTIVES IN THE OTHER SCHOOLS

In the regular College courses leading to the bachelors' degrees, sixteen points in advanced, college, music may be used as electives; one-fourth of the points offered must be in theoretic subjects.

Eight points in academic or college music may be used as electives in the preparatory courses in the Academy leading to the various schools in the College; one-fourth of these must be in theoretic subjects.

Note.—For other Music Courses write for the special Catalog of the Conservatory.

FREE INSTRUCTION

No one is able to obtain a thoro knowledge of music merely by taking private lessons in singing, piano, pipe-organ, or violin playing. Theoretic, scientific and historic courses of music are essential to the attainment of a thoro musical education. This Conservatory offers many such courses free of cost to its pupils and strongly urges that as many of them as possible be taken. The Director or Secretary will advise each student which of these courses should be taken.

We know of no other music school which offers so complete an array of theoretic, scientific and historic music courses and which gives so many free advantages to its students. In most reputable music schools, whether in large or small cities, large tuition fees are charged the students for similar courses, if offered at all.

Any one not a student in the Conservatory may join these classes by paying five dollars a term, twenty dollars for a year, for each course.

Outlines of these courses and fuller information are given in the Conservatory of Music catalog which will be mailed to any one who expresses a desire to see it.

The Free Courses

1. Essentials of Musical Theory
2. Elementary Harmony
3. Ear Training
4. Sight Reading
5. Appreciation of Music
6. Public Performance
7. History of Music
8. Physics of Music and Acoustics
9. Voice Ensemble
10. Piano Ensemble
11. Violin Ensemble
12. Men's Choral Club
13. Girls' Choral Club
14. University Chorus
15. Orchestra

THE CHORUS AND ORCHESTRA CLASSES

The chorus and orchestra classes meet each week and appear in concerts with the assistance of advanced vocal and instrumental pupils and with members of the faculty.

Pupils are admitted without charge to chorus and orchestra as soon as competent.

CONCERTS AND RECITALS

The Conservatory of Music presents during each scholastic year a series of concerts and recitals by its students, the Conservatory Orchestra and Choruses and members of the faculty. These events should be regularly attended by all students, as the hearing of art works and the consequent acquaintance with musical literature forms an important part of a musical education. All persons interested have free access to these events.

SYMPHONY ORCHESTRAS AND ARTISTS' RECITALS

Few schools supply so brilliant an array of orchestral and artists' concerts for the enjoyment and education of the students. The artists' recitals are given by members of the faculty and leading concert artists. The Conservatory has presented the following recently:

The Minneapolis Symphony Orchestra, Emil Oberhoffer, conductor—with solo artists; Czerwonky, violinist; Lucille Tewksbury, soprano; Genevieve Wheat, contralto; Joseph Schenke, tenor; Horatio Connell, baritone; Henry Williams, harpist. Recitals by Jennie F. W. Johnson, contralto; Mme. Bernice de Pasquali, coloratura soprano; Alfred Hiles Bergen, baritone; Augusta Cottlow, pianist; Arthur Hartmann, violinist; Ellouise Sheppard, dramatic soprano; David Bispham, baritone. Chorus performances of Olaf Trygvasson by Grieg and Hiawatha's Wedding Feast by Coleridge-Taylor, by the Decatur Musical Club Chorus, H. H. Kaeuper, conductor. Concert by the Decatur String Quartet.

In addition to all of these, many concerts and recitals of high quality, by faculty and students, have been presented.

CHURCH MUSIC

Members of the faculty direct the music in many of the large churches in the city. Students have opportunity by singing in the choirs to study the best in church and oratorio music; or if not choir members, to hear these fine works.

MUSIC TEACHERS' TRAINING DEPARTMENT

The Normal Department has for its object the thoro training of teachers of piano, violin, voice and public school music in the Theory and Practice of Musical Pedagogy. Many music schools are content to teach their students how to play and on that acquisition alone award them teachers' certificates, the students not understanding the first principles of teaching. This Conservatory offers courses specially prepared for the training of teachers in the science and art of teaching, thus fitting them to train intelligently and scientifically the mental, physical and emotional powers of the pupil.

The full course in this department covers a period of two years, but a student who has the necessary strength and time for study may complete the full course in one year. The first years' work is devoted to general musical pedagogy for students preparing to teach either public school music, voice, violin or piano-playing. The second year's work is devoted to specific study for teachers in the above courses. The course in Theory and Practice of Public School Music includes the general principles of tone production, breathing, rote singing, staff drill, rythm, ear-training, solfeggio, two, three and four part songs, and thoro preparation for successful work as supervisor of music in public schools.

The course in Theory and Practice of Teaching Piano-playing embraces a thoro training in Leschetizky Principles of Technic and Interpretation. All elementary and advanced problems of piano teaching are carefully studied.

In the course in Theory and Practice of Teaching the Art of Singing, the special tasks and problems of the voice teacher are taken up and fully discussed.

The course in Theory and Practice of Violin Playing embraces all of the subjects and problems of the violin teacher.

The course in Psychology of Music is one of the requirements for teachers' certificates and may be taken in either the first or second year.

Students taking the second year's course are assigned pupils in the Conservatory of Music, which they are permitted to teach under the supervision of the heads of these departments, thus combining theoretic instruction with supervised practical experience in teaching which is the ideal way of developing the teacher's equipment for his work.

Teachers' Certificates are granted to all who complete the course.

HOMES FOR YOUNG WOMEN

The young women of the Conservatory find delightful homes either in private families or at Aston Hall. For full particulars see page 56.

Students who prefer private homes will find no difficulty in locating pleasantly and at low cost. The Secretary of the Conservatory takes pleasure in giving students valuable advice, either by mail or interview, concerning homes for board and room.

ADVANTAGES OF UNIVERSITY ASSOCIATION

The value of university associations for the student of the Conservatory of Music cannot be overestimated. As one of the schools of the University many advantages accrue to the music student either free of charge or for a small fee. The Liberal Arts, Fine and Applied Arts, Domestic Economy and other schools of the University offer many courses of study and practical work from which selections can be made for work to be pursued with the courses in music.

The student has many opportunities for pleasant and profitable social intercourse in the various literary, dramatic and fraternal societies. The Choral Clubs, University Chorus, and the Orchestra, are open to those qualified to do the work in these organizations.

Noted lecturers, educators and entertainers are presented to the students thruout the college year either free or at moderate cost.

Chapel privileges are open to all music students.

MUSIC LESSONS FOR CHILDREN

Elementary Department—Piano, Voice or Violin

The elementary department offers thoro instruction in piano, voice or violin at very low cost. To obviate the necessity of correcting faults which too often are formed by pupils incorrectly taught, a correct scientific training is of the greatest importance, especially to children. This fact is nearly always overlooked by parents and pupils, and the result is that beginners are too often entrusted to the teaching care of faulty instructors.

Lessons on Saturdays

All the class lessons in this department are given on Saturdays and, as far as possible, the private lessons also. To be certain of Saturday lesson assignments, register as early in the school year as possible.

Public Performance

All pupils in the elementary department have the privilege of appearing on the public recital programs of the elementary department as soon as they are competent, and of attending the class meetings for training and practice in public performance.

TUITION FEES

In Elementary Department

Piano Playing

One private lesson each week in piano playing with an instructor and One class lesson each week in rudiments of music, elementary harmony and ear training; One class lesson each week in piano technic, and One class lesson each week in gymnasium. Fees vary according to instructor.	$2 or $3 for month of four weeks (4 private and 12 class lessons).

Singing or Violin Playing

One private lesson each week in singing or violin playing. One class lesson each week in rudiments of music, elementary harmony and ear training; and One class lesson each week in gymnasium.	$2 per month of 4 weeks (4 private lessons and 8 class lessons).

Private Lessons Only

Piano Playing	50 or 75 cents each, according to the instructor selected.
Singing	50 cents for each lesson
Violin Playing	50 cents for each lesson

In Academic and Collegiate Departments

Note.—Included in these prices for any branch of practic music the student has the privilege of taking as many as he is capable of taking of the courses mentioned as free of charge. See "Free Instruction," page —. When one considers this and the rapid advancement made by students under a well regulated system of instruction, it is readily seen that the terms are very low.

All class lessons are sixty minutes in length, all private lessons are thirty minutes, except by special arrangement at time of registration.

These prices are for a term of nine weeks payable in advance. Because the second and fourth terms each contain ten weeks a proportionate extra charge is made in these terms.

Practic Music Courses

The fees for practic courses vary according to the teacher selected. See "Tuition Fees" in Conservatory catalog which indicate specific fees for each teacher.

Per Term of 9 Weeks. Private Lessons	One Lesson Each Week	Two Lessons Each Week
Art of Singing	$4.50 to $13.50	$ 9.00 to $27.00
Vocal Diction	9.00	18.00
Vocal Expression—Public Speaking	9.00	18.00
Piano Playing	4.50 to 13.50	9.00 to 27.00
Piano Technic	4.50 to 13.50	9.00 to 27.00
Piano Accompanying and Ensemble	9.00	18.00
Pipe-organ Playing	13.50	27.00
Violin	4.50 to 9.00	9.00 to 18.00
Cello	9.00	18.00
Wind Instruments	9.00	18.00

Class Lessons	One Hour Each Week
Ear Training and Sight Reading (First Year)	Free of Charge
Ear Training and Sight Reading (Advanced)	$2.50 per term of 9 weeks
Vocal Diction—For Singers and Speakers	$5.00 per term of 9 weeks
Vocal Ensemble	Free of Charge
Men's Choral Club	Free of Charge
Girls' Choral Club	Free of Charge
University Chorus	Free of Charge
Vocal Expression—1 to 5 hour lessons each week	$5.00 per term of 9 weeks
Piano Technic	$5.00 per term of 9 weeks
Piano Ensemble	Free of Charge
Violin Ensemble—1½ hours each week	Free of Charge
Orchestra—1½ hours each week	Free of Charge
Public Performance	Free of Charge
Physical Training—2 hours each week	Free of Charge

Theoretic, Scientific and Historic Music Courses

Private Lessons

These subjects are all taught in classes but private lessons are given to students who find it inconvenient to attend a desired class because its time of meeting conflicts with other engagements, or for any other reason. The charges for such private lessons are the same as for practic music courses taken in private lessons and vary from $4.50 to $13.50 per terms of nine weeks for one lesson each week, according to the teacher selected.

Class Lessons	One Hour Lesson Each Week
Essentials of Musical Theory	Free of charge
Elementary Harmony	Free of charge
Appreciation of Music	Free of charge
Physics of Music and Acoustics	Free of charge
History of Music I (First year)	Free of charge
History of Music II (Second year)	$2.50 per term of 9 weeks
Advanced Harmony	$3.00 per term of 9 weeks
Music Form and Analysis	$3.00 per term of 9 weeks
Counterpoint, Canan and Fugue	$5.00 per term of 9 weeks
Composition	$5.00 per term of 9 weeks
Orchestration	$5.00 per term of 9 weeks

Music Teachers' Training Courses

Private Lessons

Students desiring private lessons in any course under this head may obtain them at the regular rates for private lessons with the teachers having these subjects in charge.

Class Lessons	
Musical Pedagogy	$5.00 per term of 9 weeks
Theory and Practice of Teaching Public School Music	$5.00 per term of 9 weeks
Theory and Practice of Teaching Piano Playing	$5.00 per term of 9 weeks
Theory and Practice of Teaching Singing	$7.50 per term of 9 weeks
Theory and Practice of Teaching Violin Playing	$7.50 per term of 9 weeks
Child Study and Elementary Psychology—4 hour lessons each week	$5.00 per term of 9 weeks
The Art of Teaching—4 hour lessons each week	$10.00 per term of 9 weeks
Psychology of Music	$2.50 per term of 9 weeks

GENERAL INFORMATION

Students who desire to earn a part or all of their tuition and living expenses may be greatly aided by the Conservatory. Such persons should write to the Director or Secretary frankly. A number of our students have been helped to earn a large part of their expenses.

Students may enter at any time, but will not be accepted for less than one term of nine weeks. Each person is advanced according to ability.

Students residing out of town, may receive all their weekly lessons during one or two attendances.

Parents and prospective students are asked to consult with the Director or Secretary as to the number and kind of lessons to be taken.

Students enrolled only in the Conservatory of Music pay no fee except the music fees. Music students who take courses in the Academy or College of the University pay fees in proportion to the number of subjects pursued.

Each student is expected to attend all school recitals unless excused by the Director.

Pianos are available for practice in the Conservatory building.

Earnestness and regularity of attendance are considered in the awarding of certificates and diplomas.

The grades of each student in every subject studied are reported to the management by the teachers at the end of each term and are kept on file.

For the convenience of the students a music store is conducted in connection with the Conservatory.

A special illustrated catalog of the Conservatory, which gives full information, will be mailed to any address, on request.

Any desired information will be cheerfully given to all who address the Director,

HERMANN H. KAEUPER,
Decatur, Illinois.

THE ACADEMY

Albert R. Taylor, Ph.D., LL.D., President.

James D. Rogers, Ph.D., Dean of the College.

Benjamin B. James, A.M., Principal.

The instruction in the Academy is largely given by the assistant professors and instructors named in the full faculty list. An effort is made in all these preparatory classes to give a thoro and comprehensive foundation for entrance upon regular college work, and upon life duties for those students not wishing to pursue their education farther. To these ends several courses are offered, with a reasonable number of electives.

The following is a brief outline of the courses:

(1). Preparing the student for entrance to the Decatur College or to the other leading colleges and universities of the United States.

(2). Preparing students for entrance to the special and technical departments of this or other universities and

(3). Fitting students who do not desire to take more advanced work in the colleges, for certain trades and for business life.

Conditions of Admission

Graduates of the rural schools and of the grades in city and village schools are admitted to the classes in the Academy without examination. Candidates coming from other schools of like kind should present letters showing that they are in good standing in the schools from which they come.

Candidates for advanced standing will be expected to present satisfactory evidence of the completion of the antecedent branches in reputable schools, or pass an examination in them.

Courses Offered

The courses offered admit to the schools with corresponding designation, tho graduates from the courses designated as Academy I. will admit to any school in the College, and from Academy II. to any of the technical schools.

Graduation from the Academy in these courses requires the completion of four (4) years' work of two semesters each, sixteen (16) hours per week. This work may be selected from the courses outlined, but must include a total of 132 points (a point being one hour per week for one semester). Elective work may include manual training, drawing, domestic economy, music or business courses, not in excess of eighteen (18) points. Work in these departments counts as in the laboratories—one (1) hour of credit being given for two (2) hours of work, except in music.

These courses are given by members of the College faculty and their assistants, and are as complete as those offered in any other preparatory school. The accompanying topical outline will give an idea of the subjects embraced and the methods pursued.

ACADEMY I.—PREPARATORY TO SCHOOL OF LIBERAL ARTS

Required:

Latin	18 points
Greek, German, French or Latin	16 points
Mathematics (exclusive of Arithmetic)	20 points
English	30 points
Chemistry or Physics	8 points
Biology	8 points
History	8 points
Collaterals	4 points
Elective	20 points
Total	132 points

	Hours	Points	Program
First Year—			
English, A. B.		5.5	5 T. W. Th. F. S.
Latin, A. B.		5.5	2 T. W. Th. F. S.
History, A. B.		4.4	6 T. W. Th. F.
Elective		2.2	
Second Year—			
English, C. D.		5.5	1 T. W. Th. F. S.
Latin, C. D.		5.5	2 T. W. Th. F. S.
Algebra, C. D.		5.5	4 T. W. Th. F. S.
Elective		3.3	
Third Year—			
Latin, E. F., or		5.5	4 T. W. Th. F. S.
Greek, A. B., or		5.5	3 T. W. Th. F. S.
German, A. B., or		4.4	2 W. Th. F. S.
French, A. B.		4.4	5 W. Th. F. S.
Geometry, E. F.		5.5	1 or 3 T. W. Th. F. S.
Physics, A. B.	(7) (7)	5.5	1 T. W. Th. F. S. and 2 T. Th.
Elective		2.2	

Fourth Year—

Latin, G. H., or		5.5	5 T. W. Th. F. S.
Greek, C. D., or		5.5	6 T. W. Th. F. S.
German, C. D., or		4.4	1 T. W. F. S.
French, C. D.		4.4	3 T. W. Th. F.
U. S. History, E.		4.0	3 W. Th. F. S.
Civil Government, F.		0.4	3 W. Th. F. S.
Biology, C. D.	(6) (6)	4.4	2 T. W. Th. F. and 1 W. F. or 1 and 2 S.
English, G. H.		5.5	3 or 4 T. W. Th. F. S.
Elective		3.3	

Other Electives—

Greek, E. F.		5.5	
Elementary Pedagogy		4.4	2 T. W. Th. F.
Modern History, C. D.		4.4	4 W. Th. F. S.
Public Speaking, 1, 2		1.1	1 S.
Vocal Expression, B.	(0) (2)	0.2	6 T. Th.
Algebra, G.		5.0	5 T. W. Th. F. S.
English, E. F.		5.5	3 T. W. Th. F. S.
Adv. Arith.		0.5	2 T. W. Th. F. S.

Fine Arts, Applied Arts, Domestic Economy, Bible Study, etc.

English

The object of the course in English is to give training in clear and correct expression, to give a knowledge of the main facts in English Literature, to develop a taste for good reading, and to enable the student to meet the uniform entrance requirements in English.

First Year (Required)

1. Composition.

   Themes. Emphasis on mechanical form, sentence and paragraph structure. Elementary outlining. Letter writing.

2. Hanson's Rhetoric.
3. Grammar Review.
4. Classics.
   1. Lowell: "The Vision of Sir Launfal".
      Irving: "The Sketch Book".
   2. Coleridge: "The Rime of the Ancient Mariner".
      Eliot: "Silas Marner".
   3. Iliad: (Omitting books XI, XIII, XIV, XV, XVII, XXI).
   4. Shakespeare: "Merchant of Venice".
5. Supplementary Reading.
   1. Longfellow: "Courtship of Miles Standish".
      Whittier: "Snowbound".
      Bryant: Short poems.
      Holmes: Short poems.
      Poe: "The Raven"; "The Fall of the House of Usher", and other tales.
      Hawthorne: "The Great Stone Face", and other tales.
      Franklin: "Autobiography".
   2. Macaulay: "Lays of Ancient Rome".
      Dickens: "Christmas Carol"; "The Chimes"; "Cricket on the Hearth".
      Stevenson: "Treasure Island".
      Ruskin: "The King of the Golden River".
   3. Homer: Odyssey—Selections. Myths.

Second Year (Required)

1. Composition.
   Themes. Attention to effectiveness of arrangement and expression. Study of the sentence, the paragraph, and the whole composition. Elementary outlining.
2. Herrick and Damon's Composition Rhetoric.
3. Classics.
   1. Tennyson: "Gareth and Lynette"; "Lancelot and Elaine"; "The Passing of Arthur".
      Scott: "Ivanhoe".
   2. Addison: "Sir Roger de Coverly".
   3. Shakespeare: "Julius Caesar"; "As You Like It".
4. Supplementary Reading.
   1. Myths—Old ballads and old legends.
      Scott: "The Lady of the Lake".
      Byron: "The Prisoner of Chillon".
   2. Swift: "Gulliver's Travels".
      Goldsmith: "Vicar of Wakefield".
      De Foe: "Robinson Crusoe".
      Gray: "Elegy in a Country Churchyard".
      Goldsmith: "Deserted Village".
   3. Shakespeare: "Midsummer Night's Dream".

Third Year

1. Composition.
   Themes. Study of the four forms of discourse: narration, description, exposition, argument.
2. Herrick and Damon's Composition Rhetoric.
3. Classics.
   Shakespeare: "Twelfth Night".
   Thackeray: "Henry Esmond".
   Dickens: "Tale of Two Cities".
   Hawthorne: "House of Seven Gables".
   Palgrave: "Golden Treasury".
   Shakespeare: "Much Ado About Nothing".
   Thackeray: "The Virginians".
   Dickens: "David Copperfield", "Pickwick Papers".
   Hawthorne: "The Scarlet Letter".

Fourth Year (Required)

1. Composition. Themes.
2. Grammar Review.
3. Halleck's "History of English Literature".
4. Classics.
   1. Shakespeare: "Macbeth".
   2. Milton: "Minor Poems".
   3. Carlyle: "Essay on Burns".
   4. Burke: "Conciliation".
5. Supplementary Reading.
   1. Shakespeare: "The Tempest".
   2. Gayley: Classic Myths.
      Bunyan: "Pilgrim's Progress".
   3. Burns: "Cotter's Saturday Night", and other poems.
      Macaulay: "Essay on Johnson".
      Stevenson: "Inland Voyage"; "Travels with a Donkey".
   4. Lincoln: "Gettysburg Speech", First and Second Inaugural Addresses.

Ancient Languages

A thorough training in the common forms of the Greek and Latin grammars is given. Exercises in grammar and composition supplement the reading of these early years. The classics have high value for purposes of general culture.

Latin

A, B.—Latin Lessons and select reading.
C, D.—Caesar; Gallic War, books I-IV. Ovid.
E, F.—Cicero, six orations; Sallust's Catiline. Composition daily.
G, H.—Virgil's Aeneid, books I-VI. Composition.

Greek

A, B.—Greek Lessons and select readings.
C, D.—Anabasis, books I-IV. Composition.
E.—Iliad, books I-III. Composition.
F.—Memorabilia, books I, II. Composition.

Modern Languages

The courses in Modern Languages aim to give (1) ability to read easy French or German

at sight, (2) a fairly considerable vocabulary of common words and phrases, (3) mastery of the fundamentals of grammar, (4) a thoro practical grounding in elementary conversation and composition.

Courses A, B and C, D cover the required Academy work and are together equivalent to the first year College course, 1, 2. Fourth-year students desiring to complete the required Academy work in one year, may, by special permission, substitute the College course for Academy work, with a total of ten points credit instead of sixteen.

A single semester's work in beginning foreign language cannot be counted as points toward Academy graduation or College entrance until a full year's work is completed.

German

A, B. Beginning German.—Reading, conversation, composition and grammar based on reading. 4 points. 2 W. Th. F. S.

C, D. Second Year German.—Reading of complete narrative and dramatic selections. Systematic review of grammar. Composition and conversation based on reading. 4 points. 1 T. W. Th. F.

3, 4. Introduction to German Literature.—See College German, 3, 4. Open as an elective to fourth year students who have creditably completed course A-B and C-D and expect to elect German in their College course. 4 points. 7 T. W. Th. F.

French

A, B. Beginning French.—Grammar, composition and conversation. Reading of elementary texts. 4 points. 5 T. W. Th. F.

C, D. Intermediate French.—Reading of complete narrative and dramatic selections. Systematic review of grammar. Composition and conversation based on reading. 4 points. 3 T. W. Th. F.

Mathematics

The value of mathematics, both as a means of training in exact reasoning and as furnishing a foundation for other sciences, pure and applied, has long been recognized by educators. The Academic course embraces the elements of algebra and geometry, two main, distinct lines of mathematical investigation. Both of these lines of mathematical thought have an immediate and important bearing on the special industrial, technical, and engineering courses, in addition to their introductory relation to the higher mathematics.

C, D. Algebra.—A first course, including quadratic equations. One year. Required of all students.

E, F. Geometry.—A course covering the usual theorems in plane and solid geometry. One year. Required of all students.

G. Algebra.—This is a course in quadratics, ratio, proportion, advanced equations, logarithms, etc., and a review course in the reduction of complicated radicals, fractions, factoring, etc.

H. Arithmetic.—This is a course for those who are taking up the subject with the desire to review and extend the knowledge previously acquired. The elementary processes of arithmetic are thoroly reviewed followed by a study of ratio and proportion, series, logarithms, graphic arithmetic and some of the problems of commercial arithmetic.

History and Government

A. Ancient History.—A general review of the Oriental peoples and of the Greeks. Map drawing is a feature of the year's work. 6 T. W. Th. F.

B. Ancient History.—A general history of Rome to the year 800, with special emphasis on the political institutions of the Romans. 6 T. W. Th. F.

C. The Middle Ages.—The dark ages and the age of revival, with especial attention to the influence of the Christian Church. 4 W. Th. F. S.

D. Modern European History.—The study begins with 1492 and includes the era of the Reformation, the era of political revolutions and the establishment of modern nations. 4 W. Th. F. S.

E. History of the United States.—A careful review of the essentials, for students who are planning to apply for certificates to teach and for students who cannot plan to get American history in college. Map drawing is a special feature. 3 W. Th. F. S.

F, 1. Civil Government of the United States.—An elementary study of the Constitution, with special purpose to develop patriotism and respect for our national institutions. 3 W. Th. F. S.

F, 2. Civil Government of Illinois.—To impart a knowledge of our political institutions, a study is made of the spirit of our government, its form, and its services. A visit to the Court House of Macon County and the County Jail is one of the means to this end. 3 W. Th. F. S.

Physics

The course in academic physics is primarily to impart as definite knowledge as possible of the more common laws governing the physical world and, incidentally, to cultivate habits of observation and accurate thought. Physics is usually the first in point of time and is always the most important experimental science taught in our schools. While it is not required for entrance to college in all courses, a broad culture is impossible without it.

A. and B.—Three recitations and four laboratory hours per week, five credits. Text-books: Henry Crew, "A Text-book of Physics"; Nichols, Smith and Turton, "A Manual of Experimental Physics."

This course deals with the general laws of mechanics, sound, light, heat, magnetism, and electricity with the object of teaching that the various phenomena follow definite laws, and of showing how closely and extensively physics is connected with our every-day life. 1 T. W. Th. F. S., 2 T. Th.

Chemistry

Courses 1 and 2 (or 3 and 4), Freshman (College) Chemistry, are open to regular fourth year Academy students who have had Academy Physics with laboratory work for one year.

Biology

The course in general biology is introductory to the more special courses in zoology and botany given in the College. It will include lectures, text-book, laboratory and field work. None of the laboratory sciences furnishes a better training in observation, experimentation, and recording of results than biology. The study of living things and their relations to each other and to their physical surroundings brings the student to consider some of the most interesting problems which nature presents to us. The practical value of biology is especially apparent in domestic science, in horticulture and agriculture, in medicine, and the like. The extent to which nature study is being introduced into the elementary schools gives an additional value to this course for prospective teachers.

A. The Elements of Physiography.—Second year of Academy, first semester. 4. 4 T. W. Th. F.

B. The Elements of Human Anatomy and Physiology.—Second semester. 4. 4 T. W. Th. F.

C. General Biology.—4. 1 W. F., or 1 & 2 S., and 2 T. W. Th. F.

D. General Biology.—4.

Courses C and D are not eligible separately.

Biblical History and Literature

The courses are all elective. They are necessarily more elementary than the College courses and are intended to be introductory to the latter. They are conducted along similar lines and aim to give the student a fairly thoro and systematic knowledge of the whole Bible.

A. Introduction to the English Bible.—What the Bible is; how we got our bible; story of the Canon and Apocrypha; history of the English Bible; its literary character and importance; geography and peoples of Bible lands. Lectures and text-book: Smyth, "How We Got Our Bible." First and second years. 1 point. 3 S.

B. Bible Manners and Customs.—A study of the social, political and religious life of the Hebrews in the light of the manners and customs of modern Palestine. Text-book: Rice, "Orientalisms in Bible Lands." First and second years. 1 point. 3 S.

C, D. The Contents of the New Testament.—A chronological and analytical survey of the books of the New Testament—their contents and writers. Text-book: McClymont, "The New Testament and Its Writers." Second and third years. 1 point per semester. 4 S.

E, F. Hebrew History to the Exile.—The forerunners of the Semites; the origin of the Semites and their settlements; the social, political and religious history of the Hebrews through the stages of nomadic origin, settlement in Canaan, monarchy and dissolution of the state. Text-book: Kent, "History of the Hebrew People." Fourth year. 2. 4 W. F.

Elementary Pedagogy

This course is designed to be of assistance to those who find it necessary to teach in the elementary schools before finishing the regular teachers' course. It is of senior academic grade and will be credited toward graduation from the Academy.

See courses 1, 1a and 2 under School of Pedagogy.

ACADEMY II.—PREPARATORY TO SCIENTIFIC ENGINEERING AND OTHER TECHNICAL COURSES

The following course prepares for the collegiate Scientific Engineering and other technical courses. See the electives named in the note below.

First Year—				
English, A. B.			5.5	5 T. W. Th. F. S.
Algebra, C. D., or			5.5	4 T. W. Th. F. S.
Arithmetic, A. B.			5.5	2 T. W. Th. F. S.
History, A. B.			4.4	6 T. W. Th. F.
Elective			2.2	
Second Year—				
English, C. D.			5.5	1 T. W. Th. F. S.
Geometry, E. F., or			5.5	3 T. W. Th. F. S.
Algebra, C. D.			5.5	4 T. W. Th. F. S.
Physiography and Physiology			4.4	4 T. W. Th. F.
Fine Arts, A. B.	(4)	(4)	2.2	3, 4 T. Th.
Third Year—				
German, A. B., or			4.4	2 W. Th. F. S.
French, A. B.			4.4	5 W. Th. F. S.
Geometry, E. F.			5.5	3 or 1 T. W. Th. F. S.
Physics, A. B.	(7)	(7)	5.5	1 T. W. Th. F. S. and 2 T. Th.
Manual Training, A. B., or	(4)	(4)	2.2	5 T. W. Th. F.
Applied Arts, C. D.	(4)	(4)	2.2	1 & 2 W. F. or 7, 8 T. Th.
Algebra, G.			5.0	5 T. W. Th. F. S.
Advanced Arithmetic			0.5	5 T. W. Th. F. S.
Fourth Year—				
German, C. D., or			4.4	1 T. W. F. S.
French, C. D.			4.4	3 T. W. Th. F.
English, G. H.			5.5	3 or 4 T. W. Th. F. S.
History, E.			4.0	3 W. Th. F. S.
Civil Government, F.			0.4	3 W. Th. F. S.
Manual Training, C. D.	(4)	(4)	2.2	1 & 2 W. F. or 6, 7 T. Th.
Applied Arts, E. F.	(4)	(4)	2.2	7 & 8 T. Th.
Other Electives—				
Elementary Pedagogy			4.4	2 T. W. Th. F.
Public Speaking, 1, 2			1.1	1 S.
Vocal Expression, B.	(0)	(2)	0.2	6 T. Th.

Domestic Economy, Bookkeeping, Stenography and Typewriting, Bible Study.

Students anticipating Engineering, Domestic Economy, and other technical courses may substitute from these electives for Manual Training and Applied Arts. At least two years' work in one foreign language is required for graduation.

Manual Training

This course is open as an elective to all students in the Academy. Both the technical and educational elements are emphasized so that the course is equally valuable as a preparation for the study of engineering or as part of a general education. For the full four-year course for graduation in the Academy see summary above.

First Year A. B. Manual Training.—Joinery, 2 points. Manual Training, B. Wood-turning, 2.

Second Year C. D. Manual Training.—Pattern-making and Moulding or Advanced Bench Work, 4.

Third Year E. F. Manual Training.—Forging, 4.

Fourth Year G. H. Manual Training.—Machine-shop work, 4.

ACADEMY III.—COURSES IN DOMESTIC SCIENCE AND DOMESTIC ART

These courses are designed to meet the needs of those who may be unable to take the regular College work in domestic economy. It is arranged on the plan of the best high school courses which give a practical working knowledge of the fundamentals in the hand work of cooking and sewing. Those students who anticipate taking the professional work in domestic economy need this elementary work as a preparation for it. Those who are taking the regular literary course in the Academy will find these electives attractive and instructive.

The following program indicates the periods when these subjects are offered and the hours and points allowed.

Third Year—				
Domestic Science, E. F.	(4)	(4)	2.2	5, 6 W. F.
Fourth Year—				
Domestic Art, G. H.	(4)	(4)	2.2	5, 6 T. Th.

Domestic Science

E, F. Food and Its Preparation.—Classes and suitable methods of cooking. Planning and serving of simple meals. Two semesters. 2 points each. 5, 6 W. F.

Domestic Art

G, H. Elementary Sewing.—A study of the simpler stitches and their application, cutting and making of underwear, waists, dresses, etc. Two double periods per semester. 5, 6 T. Th. Two semesters. 2 points each.

Candidates for graduation in the Academy who may wish to include the domestic economy subjects in their courses and receive designation of the fact in their certificates, will be expected to complete the courses as summarized below:

First Year—				
English, A. B.			5.5	5 T. W. Th. F. S.
Fine Arts, A. B.	(4)	(4)	2.2	3 & 4 T. Th.
Ancient History, A. B.			4.4	6 T. W. Th. F.
Elective			5.5	
Collaterals				
Second Year—				
English, C. D.			5.5	1 T. W. Th. F. S.
Algebra, C. D.			5.5	4 T. W. Th. F. S.
Fine Arts, C. D.	(4)	(4)	2.2	3 & 4 W..F.
Elective			4.4	
Collaterals				
Third Year—				
English, G. H.			5.5	4 T. W. Th. F. S.
Geometry, E. F.			5.5	3 T. W. Th. F. S.
Physics, A. B.	(7)	(7)	5.5	1 T. W. Th. F. S. and 2 T. Th.
Domestic Science, E. F.	(4)	(4)	2.2	1, 2 W. F.
Collaterals				
Fourth Year—				
German, A. B., or			4.4	2 W. Th. F. S.
French, A. B., or			4.4	5 W. Th. F. S.
Biology, C. D.	(6)	(6)	4.4	2 T. W. Th. F. and 1 W. F.
Domestic Art, G. H.	(4)	(4)	2.2	5 & 6 T. Th.
Elective			2.2	
Collaterals				

ACADEMY IV.—PREPARATORY TO THE SCHOOL OF FINE AND APPLIED ARTS

The purpose of the preparatory courses is to give a thoro technical preparation for the advanced work of the College, and may be counted as an elective in all Academy courses, two hours' work being counted as one point. Drawing completed in a high school of good standing is accepted as a partial equivalent. Fine Arts courses A, B, C, D may be substituted for eight points of Academy mathematics on approval of the President.

The following program indicates the periods when these subjects are offered and the hours and points allowed:

Fine Arts, A. B.	(4)	(4)	2.2	5 & 6 W. F.
Applied Arts, C. D.	(4)	(4)	2.2	1, 2, 3, 4 M.
Applied Arts, A. B.	(4)	(4)	2.2	5, 6, 7, 8 M.
Fine Arts, C. D.	(4)	(4)	2.2	5, 6, 7, 8 M.

Fine Arts

First Year.—First semester, Fine Arts A. Elementary Freehand Drawing, 2; second semester, Fine Arts B. Light and Shade, 2.

Second Year.—First and second semester, Fine Arts C, D, Clay Modeling, 4.

A. Elementary Freehand Drawing.—Elementary training in pencil drawing from groups of still life and geometric solids, simple perspective, and elementary color. First semester. (4). 2.

B. Light and Shade.—This course offers full values in pencil, pen and ink, charcoal and monochrome from still life and casts; details of animal forms, pose sketching; introduction of water color sketching and sketching from nature. Prerequisite, Fine Arts A or its equivalent. Second semester. (4). 2.

C, D. Clay Modeling, Casting and Designing.—This course is designed to give a definite conception of form, useful in painting and designing. Modeling from the cast and photograph, plants, historic ornament and casting from chip and piece moulds. Prerequisite, Fine Arts B or its equivalent. Two semesters. (4). 4.

Applied Arts

First Year.—First semester. Fine Arts A, Elementary Freehand Drawing, 2; second semester, Fine Arts B. Light and Shade, 2.

Second Year.—First and second semester, Projections and Working Drawings, 4.

A, B. Projections and Working Drawings.—A course embracing the principles of projections and working drawings, introducing mechanical drawing. (4). 4.

C, D. Mechanical Drawing.—A course in mechanical drawing, introducing principles of machine construction, intersections of solids, details and tracings. Prerequisite, A.A. A, B. (4). 4.

ACADEMY V.—PREPARATORY COURSE IN COMMERCE AND FINANCE, AND ELECTIVE BUSINESS COURSES

These courses are arranged on the plan of the best commercial high schools and have in view two classes of students, those who desire the best preparation for college work in commerce and finance, and those who desire the high school training in commercial subjects preparatory to entering business employment immediately. The former class do well to lay a broad foundation for future studies and defer certain subjects more completely treated in college, the latter should gain such knowledge of economic principles and the foundations of industrial welfare as is possible in the time at command. The choice of electives indicated below provides for this differentiation, and also for the needs of those who must still further limit their time of preparation for business and devote their efforts to a few practical subjects, such as penmanship, correspondence, shorthand, typewriting and bookkeeping.

Many students have found these courses suited to their need and, with the assistance which the faculty is always glad to give, have secured excellent positions. Capable and worthy young men and women are always in demand.

First Year—			
English, A. B.		5.5	5 T. W. Th. F. S.
Algebra, C. D.		5.5	4 T. W. Th. F. S.
History, A. B.		4.4	6 T. W. Th. F.
Penmanship, A.	(5)	3.0	1 T. W. Th. F. S.
Correspondence, B.	(5)	0.3	1 T. W. Th. F. S.
Second Year—			
English, C. D.		5.5	1 T. W. Th. F. S.
Arithmetic, A. B.		5.5	2 T. W. Th. F. S.
Physiography, Physiology		4.4	4 T. W. Th. F.
Bookkeeping, A. B.		5.5	2 T. W. Th. F. S.
Third Year—			
Accounting, Office Practice, C. D.		4.4	3 T. W. Th. F.
Materials of Commerce, A. B.		3.3	2 W. F. S.
Electives, from the following		10.10	
Stenography, A. B.	(5) (5)	3.3	6 T. W. Th. F. S.
Typewriting, A. B.	(5) (5)	3.3	5 T. W. Th. F. S.
Physics, A. B.	(7) (7)	5.5	1 T. W. Th. F. S. and 2 T. Th.
German, A. B.		4.4	2 W. Th. F. S.
French, A. B.		4.4	5 W. Th. F. S.
Spanish, A. B.		4.4	1 T. W. Th. F.
Fourth Year—			
English, G. H.		5.5	4 T. W. Th. F. S.
History, E. F.		4.4	3 W. Th. F. S.
Electives, from the following		8.8	
Economics and Banking, E. F.		3.3	3 T. Th. S.
History of Commerce, C. D.		2.2	6 T. Th.
Introduction to Commerce, E. F.		3.3	6 W. F. S.
Biology, C. D.	(6) (6)	4.4	2 T. W. Th. F. and 1 W. F.
Geometry, E. F.		5.5	3 or 1 T. W. Th. F. S.
German, C. D.		4.4	6 T. W. Th. F.
French, C. D.		4.4	3 T. W. Th. F.
Spanish, C. D.		4.4	
History, C. D.		4.4	4 W. Th. F. S.

Stenography.—(Gregg's Revised.)—Completion of Manual, business correspondence, law correspondence, lecture reporting, court reporting.

Penmanship.—Plain business writing and its application.

Typewriting.—The course in typewriting consists of ten hours work per week, five hours in class under direction of the instructor and five in practice work. The touch system of typewriting is taught. The work includes instruction in the mechanism of the typewriter, cleaning, oiling, and repairing of same, a thorough mastery of the keyboard and correct fingering, word drills, sentence writing, lessons in punctuation, spelling, business forms, legal forms, addressing envelopes, folding letters, tabulating, manifolding, etc.

Physical Training

First Year.—Exercises that will induce vitality, strength and the harmonious growth of the muscles; individual exercises to correct faulty positions of the body. Chiefly free work. Elementary work with apparatus.

Second Year.—Theory and practice of Free Gymnastics. Advanced work with apparatus.

Two years' work is required of all students.

GENERAL INFORMATION

The beautiful buildings erected and equipped at a cost of nearly five hundred thousand dollars make a most delightful and wholesome home for all kinds of college work. They include the Liberal Arts Hall, the Engineering Hall, the Domestic Economy Hall, the Assembly Hall, the Machine Shops, the Gymnasium, the Conservatory of Music, and Aston Hall, and are constructed not only with a view to facilitate investigation and instruction in the different subjects, but also to insure the most satisfactory hygienic conditions possible. Every room in the several buildings is as well lighted, heated and ventilated as modern science can devise, and no pains have been spared to provide the comforts and conveniences that student life in these days demands.

The total frontage of the first three buildings named is four hundred and forty feet. The handsome Assembly Hall in the rear is about eighty feet square and will seat a thousand people. The Power House and Machine Shop north of the Assembly Hall is two hundred feet long and accommodates the foundry, forges, heavy machinery, engines, dynamos, etc. Their equipment includes apparatus and machinery of the latest and most approved models.

NEW BUILDINGS

The two new buildings—a Gymnasium and a Conservatory of Music—just completed, give added beauty to the whole group and greatly increase the conveniences and facilities of all of the departments in the institution, as they release about thirty rooms in the first group which can be assigned where most needed.

The gymnasium is located between Aston Hall and the athletic field, facing West William street. It is 100x55 feet in the clear, with additions on the front for offices, examination and trophy rooms and on the rear for storage rooms in first and second stories. The basement floor contains ample bath and locker rooms for both sexes on either side of a handsome ball cage 30x70 feet. The Gymnasium proper is probably the largest in the Mississippi Valley belonging to colleges of this rank. The running track is equally attractive. Great care has been taken to make the building thoroly up-to-date in every particular and its equipment is in keeping with its general appointments.

The Conservatory of Music building is ideally located a short distance west of the main group of buildings. Its front elevation, seen elsewhere, shows the same general design already followed in the other buildings on the campus. It is 160 x 45 feet and fronts West Main street. The best points in the latest and best music buildings in this country and abroad are incorporated in its construction. Every effort has been made to avoid their defects and it is confidently believed that it more nearly affords ideal conditions for study and instruction in music than any one of them.

ASTON HALL FOR WOMEN

Is located on the beautiful knoll northeast of the Domestic Economy building. The spot is ideal. It is in the midst of a quiet grove and yet but a few steps from the College buildings proper on the west and from the avenue on the east, with scarce a hundred paces to the interurban and city railway lines on the south. It is 48 x 116 feet, five stories high including basement and attic floors. The basement accommodates the dining rooms, kitchen, storage, laundry and other necessary adjuncts. The first floor provides handsome parlors, office, matrons' rooms, and eight students' rooms; the second and third floors, a dozen students' rooms each; the attic floor, eight rooms for students and the necessary help. Each floor is provided with ample lavatory and bath rooms and each student's room with generous individual closet room.

The building is thoroly well lighted and ventilated, heated by steam, and modern in every particular; in fact, it is in perfect keeping with the high character of the other buildings on the campus.

The culinary departments are most gratifying to every housekeeper who has studied sanitation, convenience and economy in the arrangement of this important part of a modern home. The whole building is tastefully and appropriately furnished and neither pains nor expense has been spared to make this college home for the young women attractive, healthful, cheery, restful.

Full particulars concerning rooms, meals, etc., will be mailed on application.

MAIN CORRIDOR LIBERAL ARTS BUILDING

THE LIBRARY

The library is growing rapidly and is being made first-class in every respect. It occupies a handsome suite of rooms in a central location and is one of the leading features of the institution. Students have access to the fine city library, which is proving of great value to them in many lines of work.

GENERAL EQUIPMENT

The manual training classes occupy five rooms in the basement of the Engineering and Liberal Arts Halls, in addition to the forge and foundry rooms in the Machine Shops. These rooms are well lighted and ventilated and equipped with twenty-four Reed speed lathes, one Oliver saw and trimmer, one Fay-Egan jig saw, twenty-four Chandler and Barber work benches, large size, and a full equipment of necessary tools for all of them. The forge room is fitted up with eighteen Buffalo forges, down draft, and tools in good variety. The drills, lathes, shapers, planers, etc., in the machine room make ample provision for class needs. The foundry and pattern shops are equipped with the best machinery the market affords.

The three departments of mechanical, electrical, and civil engineering are provided with apparatus, machinery, testing machines, etc., in generous measure.

The domestic science and domestic art departments occupy ten fine rooms in the Domestic Economy building. Few schools of a similar character are more elegantly provided with tables, cases, desks, machines and household utensils in general. These rooms have been thronged with enthusiastic classes from the day of opening.

The fine and applied arts classes are most comfortably housed in seven rooms happily adapted to their needs on the third floor of the Liberal Arts building and one each in the basement, and on the second floor in the Domestic Economy building. Everything needed in the way of tables, models, casts, kilns, studies, etc., is provided for the department.

The biological and physical departments are located on the second floor of the Liberal Arts building, with a dozen up-to-date and well equipped rooms. The chemical laboratories and lecture rooms, six in number, occupy the entire third floor of the Engineering building. All of the laboratories are models of convenience for both classes and individual work.

The new gymnasium is well equipped with a full line of apparatus for light and heavy gymnastic exercises. Practically all of it is new and of the latest and most approved design.

Other departments are correspondingly well provided with accommodations and facilities for their work, which only a visit to the buildings will enable one to appreciate fully.

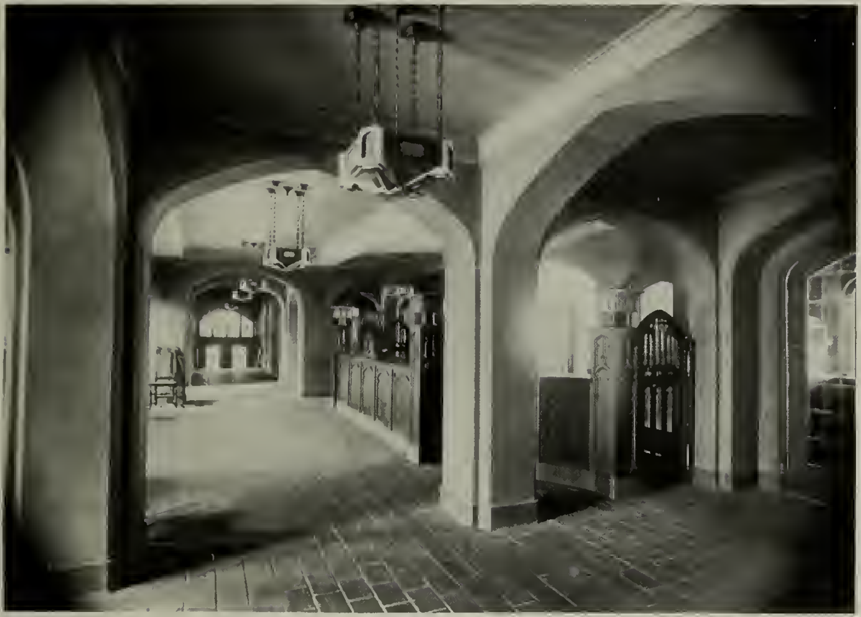
Many of them will have enlarged quarters, as the departments going into the new buildings will release about thirty rooms which they now occupy.

THE CAMPUS

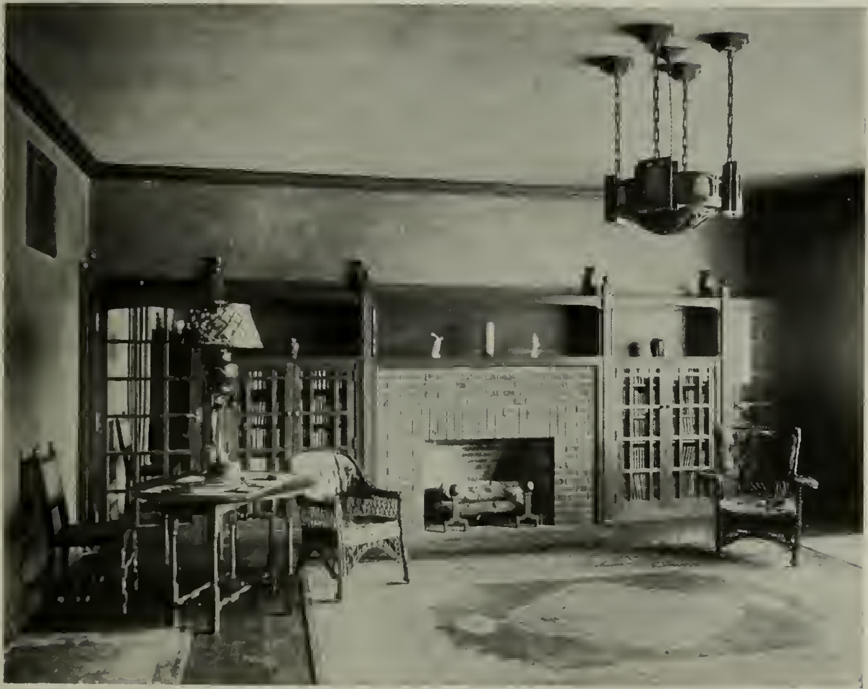
The campus embraces about thirty-five acres, located three-fourths of a mile west of the central transfer station and is easily accessible from all parts of the city by the electric street railway. It adjoins Fairview Park on the southeast, one of the attractive natural parks of the state, and has always been admired for its fine grove of forest trees. In addition to the lawn tennis, basket ball and other small courts among the great trees for outdoor games, a fine athletic field on the north side of the campus affords ample opportunity for exercise in the more vigorous sports. There is no lack of provision for healthy fresh-air sports and games. They wisely supplement the work of the regular gymnasium classes.

THE CITY OF DECATUR

Is located on the Sangamon river in one of the most fertile and healthful regions in the state of Illinois. Being high above the river, its sewerage is perfect. It contains a population of nearly 35,000, and is noted for its beautiful homes, its handsome churches and eloquent pulpits, its well paved and well shaded streets and avenues, its finely equipped electric railway, its commodious hotels, its enterprising and public-spirited citizens, its progressive daily press, its healthy educational sentiment and the hospitality of its firesides. It is reached in a few hours' ride from any part of the state. Railways and interurbans combined enter it from sixteen different directions, with over eighty passenger trains per day. It is but little over four hours' ride from Chicago,



MAIN CORRIDOR CONSERVATORY OF MUSIC



STUDIO DIRECTOR OF CONSERVATORY

and scarcely three from St. Louis. In many ways it is an ideal place for an institution of learning.

COMMUTATION TICKETS

At a very low rate are sold on railway lines entering Decatur, thus making it possible for students in neighboring towns to board at home and attend part or all the classes at small expense. The interurbans add greatly to these fine facilities for reaching and leaving the city.

FEES

The fees are much lower than usually charged at institutions of a similar character, furnishing similar facilities and maintaining similar standards. They are payable at the beginning of each semester. The tuition fee in the Academy and College is $37.50 per semester. The fee for less than a semester is at the rate of $2.25 per week.

Regular students pay a special athletic fee of $2.50 per semester, which admits to all local intercollegiate games and to all local contests in debate and oratory.

A small laboratory fee of $2 per semester is charged for each subject in which students are taking laboratory practice, except chemistry; the fee in it is $3. These about cover the cost of material used. A breakage deposit of $2 per year is required of each student in chemistry, any unused portion of which is returned. Typewriters are rented to students for class and practice at the laboratory fee, $2 per semester. The gymnasium fee is $1 per semester, including locker.

Subsequent to registration days, a registration fee of $1.00 is charged.

Changes in schedule made after ten days are allowed only on permission of the office or Instructor concerned and the payment of $1.00. Special examination fee for work done in absentia, $5.

Tuition fees will be refunded only in case of protracted sickness, tho any unused portion for any other reasons may be credited on a future semester at the discretion of the President.

Laboratory and gymnasium fees will not be refunded for any reason.

See page 48 for Conservatory of Music Fees.

A FEW SCHOLARSHIPS

In the College and Academy are offered deserving students who may wish to earn their fees by work in the buildings or on the grounds under the direction of the heads of the departments. A goodly number are availing themselves of them each year.

FELLOWSHIPS

A few fellowships are awarded to graduate students. Particulars furnished on application.

EXPENSES

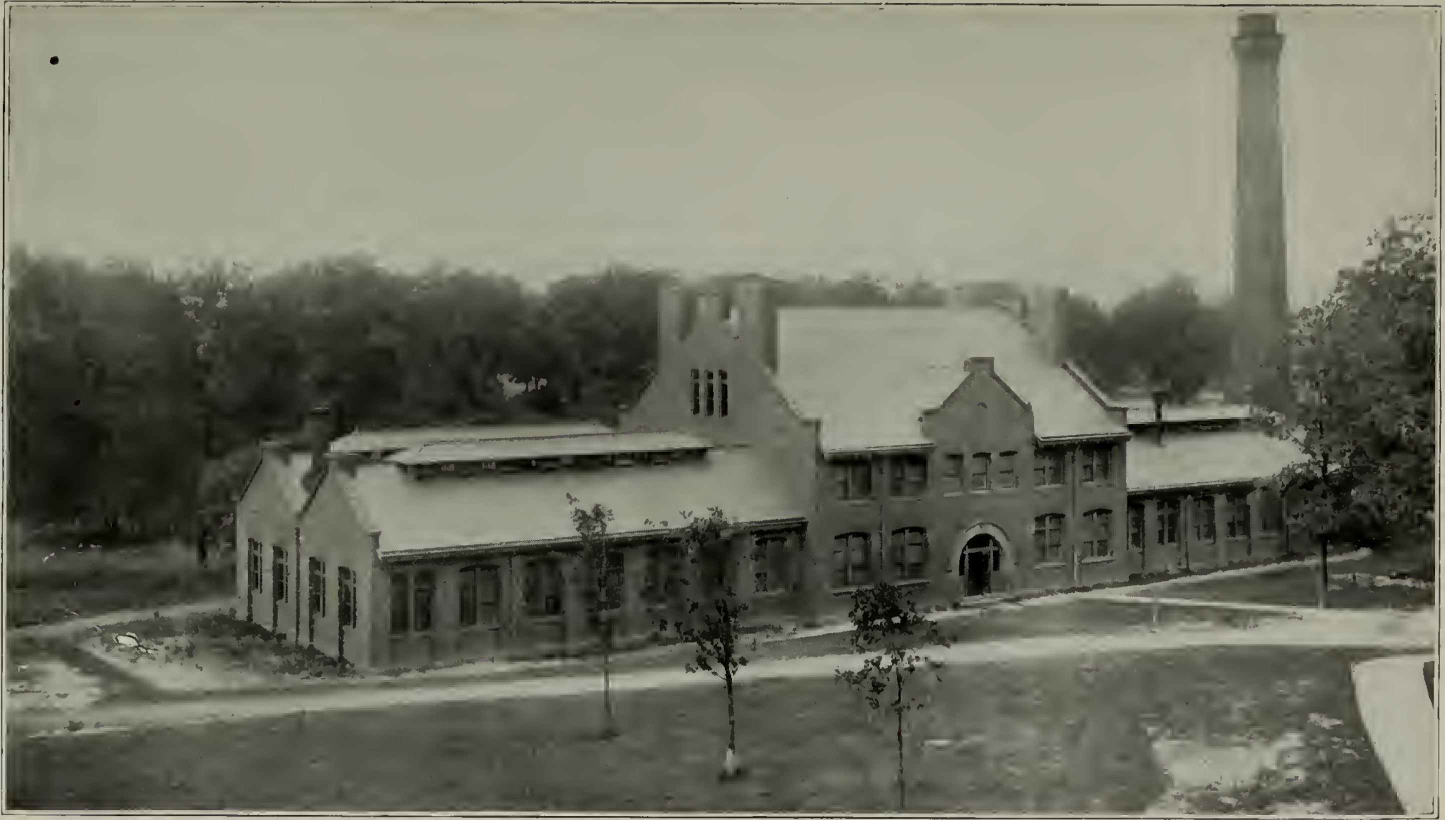
Students are assured that the rates for rooms and board are as low as anywhere else for corresponding accommodations. They can locate in private families or in clubs.

The following estimates will be found approximately correct, the difference depending upon the kind of accommodation, proximity to the University and quality of meals. Four weeks constitute a month; unfurnished rooms per student per month $1.50 to $2.00; furnished rooms per student per month $4.00 to $5.00; meals per student per month $14.00 to $16.00.

Students can board themselves at greatly reduced rates.

Text-books and class and laboratory supplies are offered to students at the University supply store at a slight advance above wholesale rates and an earnest effort is made to keep the students' expenses in every direction as low as possible. Many young men and women are deterred from attending the larger institutions of learning and those offering similar facilities by the heavy expenses incident to the same, and it is the determination of the management at Decatur to make it possible for all classes of students to take advantage of the opportunities offered in every department of this institution.

If a number of students should come from one locality it may be found desirable to form a little colony, and by combining interests, reduce expenses considerably. It will always be the pleasure of the office to assist students in securing pleasant locations. Parents contemplating moving to Decatur for the purpose of educating their children are cordially invited to write for such information as they may need to secure satisfactory employment.



POWER HOUSE AND MACHINERY HALL

A few students will be able to secure places in the city where they can earn a part or all of their living expenses. Worthy young men and women will be given such assistance as they may need with reference to the purchase or rental of homes.

STUDENT ORGANIZATIONS

Several literary, scientific, musical and other organizations offer collateral work and pleasing recreation in variety. The two literary societies, the Orlandian and the Philomathean, occupy comfortable and handsomely furnished rooms on the third floor of the Liberal Arts building. The Athletic Association prides itself on the records it has made and is always planning for larger things.

The Students' Council, composed of the presidents of the college and senior preparatory classes and several other college organizations, stimulates student activities and endeavors to arouse interest in student enterprises in general.

The Young Women's and the Young Men's Christian Associations have attractive headquarters in the Domestic Economy and the Engineering buildings, respectively. Both associations have a growing and enthusiastic membership. They offer fine opportunities for religious instruction and Christian activity. Their meetings are held at the chapel period on Thursdays.

There are several fraternities and sororities, with faculty patrons, which are helpful factors in cultivating the social life and stimulating the scholarship of their members.

No student organization shall be formed without the approval of the Council.

ENTERTAINMENT COURSE

A first-class course of entertainments is offered the students each year at nominal cost, made up of the best talent available on the American platform. In addition, lectures, music recitals, etc., by the University faculty and the advanced students contribute greatly to the helpfulness and inspiration of college life.

The following appeared on the course during the past year: Hon. Frank J. Cannon; The Rawies; Dr. H. W. Wiley; Opie Read; Ernest W. Oneal; Allen Spencer and Marie Zendt.

In addition, the Minneapolis Symphony Orchestra appeared in the May Music Festival and several other noted artists made up a fine musical program for the year.

CHURCH SERVICES, BIBLE STUDY

The various churches of the city make the students most welcome to all church and Sunday school services and social functions. Students are expected to attend church at least once on the Sabbath and are urged to join Sunday school classes as regular attendants.

A systematic course in Bible study is offered to all students. It embraces Bible history, an outline study of the Old and New Testaments, a study of Bible lands, a literary study of the Bible, a general survey of Biblical doctrines, a history of the early church, Christian evidences, Christian art, organization and methods in Sunday school work, etc. See pages 20 and 53.

In many of the Sunday schools in the city classes composed almost exclusively of college students are taught by members of the college faculty. Some of them follow the regular international lesson courses; others pursue special courses.

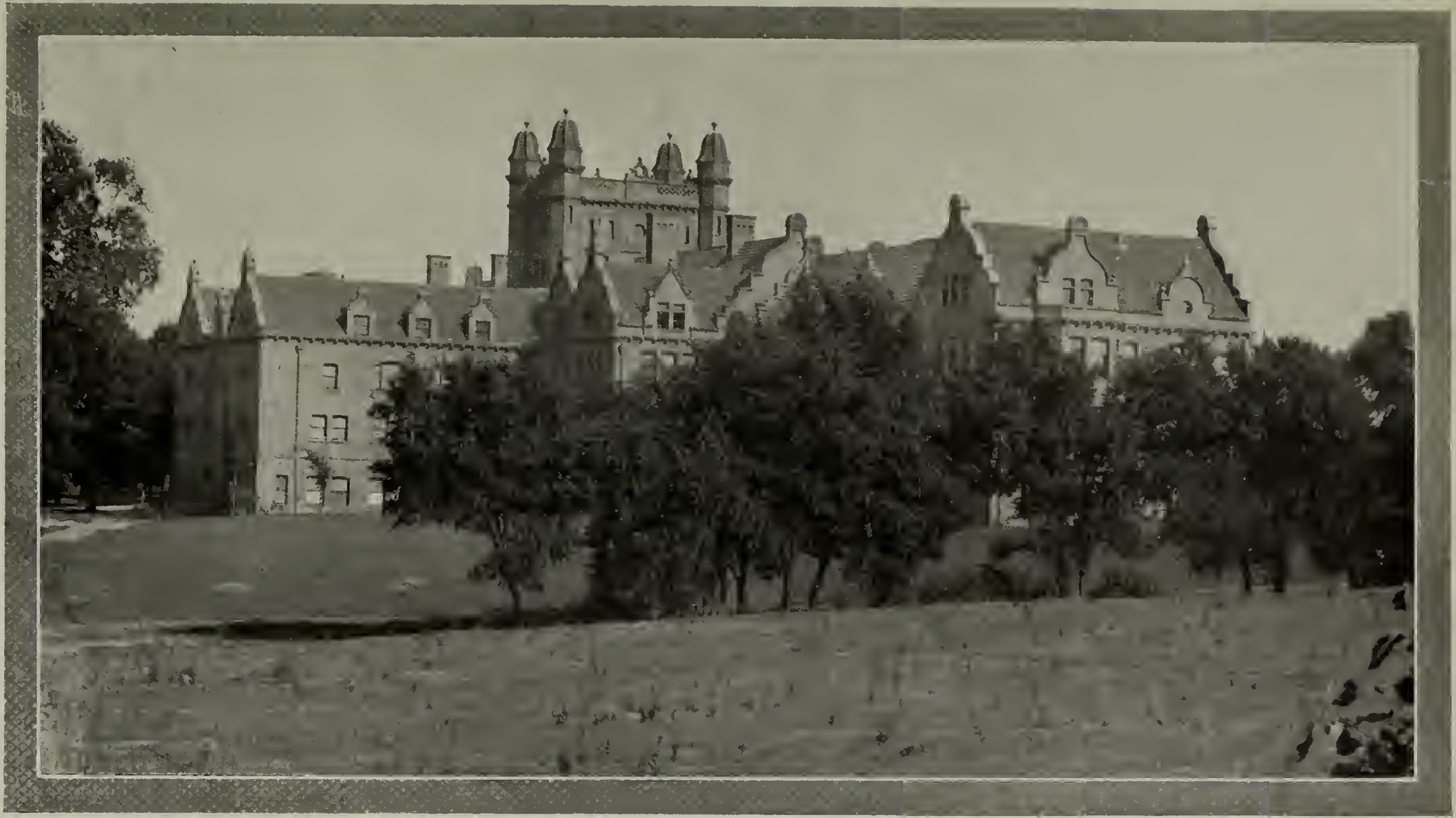
TEACHERS' TRAINING CLASSES

Attention is called to the courses offered in psychology, child study and general pedagogy as well as to the special courses designed to train teachers for positions in secondary schools and colleges. There is a growing demand for thoroly trained teachers in every department of learning, particularly in the pure and applied sciences, and every encouragement is given to young men and women who intend following the teaching profession to fit themselves properly for it. See particularly the pedagogical courses offered in manual training, in the fine and applied arts, in domestic art and science, in languages, in music, etc., etc.

The University has many more calls for teachers who have specialized in certain lines than it has been able to meet. Boards of education will find it to their advantage to write us when in need of well equipped teachers.

PRIZES

A series of prizes is offered in the several literary, scientific, industrial and athletic lines, which will stimulate interest in all of them.



VIEW FROM NORTHWEST SHOWING CHAPEL

The Morehouse & Wells Company, wholesale and retail hardware merchants of Decatur, offer a first and second prize of $15.00 and $10.00 respectively, to be awarded under the following conditions: The first prize of $15.00 is offered to the person who shall invent the best hand or machine tool, or devise the best improvement in such tool; the second prize of $10.00 to the person presenting the second best tool or improvement. Students of the Engineering or Manual Training departments are eligible to compete for these prizes.

For the highest efficiency in public debate on some historical or sociological subject approved by the department and the President of the University, Dr. E. J. Brown offers a cash prize of $25.00, open only to students in the College. This prize was won in 1913 by Mr. Clyde Hart.

The Millikin Club offers a gold medal for the best oration; open only to college students of regular standing in the three upper classes. The medal was won in 1913 by Miss Fay Fisher.

The Elizabeth N. Wells prizes for the best designs in silver and copper were won in 1912 by Misses Helen Page and Helen Heald, and Miss Marguerite Seifried, respectively.

Messrs. Haines and Essick, merchants, offer a prize for the best design in pottery. This was won in 1912 by Mr. Ray Chynoweth.

The William Gushard Dry Goods Company offers a prize of $10.00 to the student showing the highest excellence in mural decoration. This was won in 1912 by Miss Helen Heald.

For the highest excellence in portrait painting, Messrs. Chodat & Company offer a prize which was won in 1912 by Miss Mabel Buckmaster.

Miss Mary Uhler won a prize offered by a friend of the school for the best example of still life painting.

SCHOLASTIC HONORS

A graduate scholarship, entitling the recipient to one year's free tuition in pursuing a specialty, is awarded to the member of each graduating class in the College who secures the highest rank in scholarship in Junior and Senior subjects, as provided in the regulations governing the same.

This scholarship was won in 1912 by Mr. Edgar H. Allen.

The scholarship for the highest average for the four years' college course was awarded to Mrs. Corinne Holcomb.

The members of each graduating class in the College whose average per cent is 92 or more are designated as high honor students; those with average between 88 and 92 as honor students.

The high honor students in the class of 1912 were:

Edgar H. Allen, Lois Adeline Browne, Jesse L. Conel, Lottie B. Cook, Corinne Painter Holcomb, Anna Catharine New, Rhoda Ferne Parr, Roger Howard Young.

The honor students were:

Mary Frances Baker, Mary Madge Blake, Sarah Augusta Jacobsen, Jewel May, Margaret Josephine Miller, Helen Elizabeth Mills, Mildred Hitchcock Montgomery, Arthur Wilhelm Niedermeyer, Jessie Elizabeth Patterson, Mary Edna Scott.

Any student who at the end of his Junior year reaches an honor grade on all his work, and a high honor grade on his major may graduate on the completion of 124 points in his course, exclusive of collaterals.

Honors in the lower classes and departmental honors are awarded students attaining certain standings, as provided in the regulations pertaining to the same.

The high honor students in the lower classes for 1911-1912 were as follows:

Juniors—Esther Lou Bergen, Laura Kriege, Effie Morgan, Mary Prestley, Maude Yarnell.

Sophomores—Sarah Dale, Fay Fisher, William Henderson, Lorin King, Ivra Shaw.

Freshmen—Gladys Berkshire, Leah Fullenwider, Clyde Hart, Lucy Henderson, Ruth Lewman, Mae Matheny, Ray Sawyer, Daniel Simpson, Edith Stevens.

The honor students were as follows:

Juniors—Viola Ameling, Jessie Ayres, Nina Brecount, Lena May Crum, Edna Davis, Daniel Gray, Alberta Montgomery, Harry B. Munch, Helen Page, Helen H. Perkins, Walter Rogers, Harry T. Scherer, Elmer C. Spence, Nellie Lois Wasson.

Sophomores—Hila Ayres, Alice Bullard, Mamie Carrico Lelah-Bell Davis, Sophia Drobisch, Merle Hale, Margaret Hessler, Anna McNabb, Myrtle May, Jennie Mills, Ruth Montgomery, Marguerite Potter, Bertha Rogers, Stephen Rynksel, Harriet Shade, Ruth Swanson, Charles Williams.

Freshmen—Florence Baird, Andrew Bolay, Harriet Brauner, Mildred Campbell, Roscoe Coen, Leslie Collins, Robert Craycroft, Alice Hicks, Martha McIntosh, Walter Miller, Louise Naber, Barton Westervelt, Luella Witzeman.

MEMORANDA

Government: The heads of the different schools and departments of the College constitute a Council for the transaction of such business as usually pertains to similar bodies in educational institutions.

Tho rules of procedure are necessary to avoid confusion and facilitate administration, few formal rules of conduct are deemed advisable in such an institution as this. Students whose ideals of conduct and whose spirit are not in accord with the general policy of the institution are not desired, nor will they be permitted to remain here after that fact is established. It is believed that the best results in education are attained where reasonable freedom of action is allowed, and where young men and women are guided largely by their own sense of honor and propriety. It will ever be the policy of the institution to cultivate and encourage a spirit of mutual good will and co-operation on the part of faculty and students and to make student life as enjoyable and profitable as possible.

Matriculation: Every candidate for admission to the College or any department thereof is expected to produce satisfactory evidence of good moral character. If said candidate has been connected with any other college he shall produce a certificate of good standing from it.

Every candidate for admission will be required to pay his fees in advance and such payment shall imply an agreement on his part to observe the rules and regulations of the institution and co-operate in every way in his power with the management.

All persons who desire to enter the University should, if possible, be present the first day of the college year. While students are welcome at any time, better results can be reached by beginning with the regular classes. It is desired that those who expect to attend shall make application for admission at as early a date as possible. Persons applying by letter are requested to give a general idea of the work which they have completed as well as of that which they wish to pursue.

For failure to comply with any of the rules and regulations of the College, the Council may reduce the student's standing, or fix any other penalty which in its judgment the case may seem to demand.

Required Hours: Every student is expected to take at least sixteen hours' work per week, tho as many as twenty hours may be taken by a student on the approval of the President of the faculty. A less number may be taken on the approval of the President or Dean, but a greater number than twenty can be taken only on the approval of the Council.

Examination and Standing: The student who fails to pass the regular examination on any subject will not be allowed to continue with his class in that subject except on the written recommendation of his teacher. Nor will he be given longer than until the end of the next semester succeeding to make up such examination.

A student will not be permitted to attempt the term examination in any study when his average daily grade in that study has fallen below 60. Students taking entrance examinations will be required to make the usual grade for passing a subject.

At the close of each semester the report of a student's grades will be made to his parents on request for the same.

No student will be recommended for the Bachelor's degree unless he has been a regularly enrolled resident student of the College for at least one year, tho for sufficient reason the Council may reduce the attendance one semester.

Chapel Attendance: All students are required to attend the daily chapel and general exercises, except when excused by the office for satisfactory reasons. All are also expected to attend Sunday school and church at least once on the Sabbath, except when excused by request of parent or guardian.

Outside Work: Students are not permitted to take work of any kind outside of the College without the express permission of the President.

Outside Organizations: Students will not be permitted to join any outside local organizations which have not been formally approved by the Council.

Intercollegiate Contests: No student will be certified as eligible to engage in any intercollegiate contest who is not satisfactorily carrying at least twelve hours' work and who is not in good standing in the institution.

Publications: The publications of the College are: The James Millikin University Bulletin, issued quarterly; The Decaturian, issued weekly, the student periodical; the annual Varsity Directory, also a student publication; the College Annual, under the title of "The Millidek", issued by the senior class; and The University Calendar, issued by the Young Women's Christian Association.

Collateral Work: All students in the Academy and in the first two years of the College will be required to take at least one line of collateral work selected from among the following: physical culture, military drill, band, orchestral, vocal or instrumental music, literary society, parliamentary or dramatic art practice. Work so selected must be taken at least two hours per week in one of the regular organizations or classes of the institution and under the supervision of a member of the faculty It must also be subject to the same rules governing attendance and proficiency as the regular scholastic subjects and must be certified by the teacher in supervision or by an officer designated by the President of the University. At least two years' work each in the Academy and College, counting one point per year, must be taken in gymnastics.

Not more than two years' collateral work will be allowed in any one line.

All students not taking such collateral work will be required to make one point each year in the Academy and two in the College, in the freshman and sophomore years, in some scholastic subject in lieu thereof, and in addition to the scholastic points required for graduation.

Credits given for entrance to the College courses shall not in any wise be considered again towards meeting requirements for graduation in the College.

CONCERNING CREDITS, ELECTIVES, ADVANCED STANDING

All engineering laboratory work, including mechanical drawing, practice work, experimentation, testing and shop work counts one-third point per hour. Other laboratory work counts one-half point per hour. Practice or experimenting outside the laboratory or shop counts nothing. Class-room work in said subject of the nature of regular lectures or recitations counts one point per hour per week.

In the Academy electives preparatory to the liberal arts course in the College, eighteen points are the maximum that can be devoted to domestic science, domestic art, manual training, drawing, bookkeeping, typewriting and stenography, either singly or together. Music, eight points, may be elected to be counted in this maximum number.

The following Academic courses may be taken as college electives when taken by college students only: Latin E, F, G, H; Greek A, B, C, D; Biology C, D for freshmen only; and Physics A, B for freshmen only.

Candidates for the A. B. degree must complete 60 points of prescribed work (see page 10), a major of 32 points (see page 10) and a minor of 8 points (see page 11). The major may include a prescribed course. The minor cannot include a prescribed course. The major must be selected by the middle of the sophomore year. The minor must be selected with the advice of the department in which the major is taken. Such candidates are not permitted more than 32 hours' credits for graduation in any department except on recommendation of the head of the department and approval of the Curriculum Committee.

Students from approved colleges who have finished the sophomore year in arts or science courses, are admitted to full junior standing. Students of lower rank will be admitted and classified according to their credits as counted in this institution. Students from technical schools are admitted in an analogous manner.

GIFTS TO THE COLLEGE

To the Library:

Barton, W. E., Congregational Manual, from the Puritan Press.

Bigot, Madam Charles, Life of George P. A. Healy, from the author.

Bliss, F. J., Modern Syria and Palestine, from the Trustees of Lake Forest University.

Decaturian 1911-1912, from the Editor.

Dennison, Mrs. E. W., E. W. Dennison, a Memorial, from the author.

Hodges, W. R., Carl Wimar, from the author.

Illinois State Historical Society Transactions, 1910, from the Society.

Illinois, University of, Illio 1913, from University of Illinois.

Lincoln Centennial Association, Addresses 1911, from the Centennial Association.

Messages of the Men and Religion Movement, eight volumes, from President Taylor.

Muzzey, D. S., An American History, from A. T. Mills.

Raymond, G. L., Suggestions for the Spiritual Life, from the author.

Royce, Josiah, Sources of Religious Insight, from the Trustees of Lake Forest University.

Strong, A. H., Miscellanies, two volumes, from the author.

Van Antwerp, W. C., Stock Exchange from Within, from Doubleday Page & Co.

Warden, S. D., Elementary History of United States, from the author.

REGISTRY OF STUDENTS

NOTE—Many students listed as from Decatur belong to families recently coming to the city for the purpose of availing themselves of the advantages of the University. Some also thus listed are nearer other towns, but receive their mail via the Decatur rural routes. No effort is made to differentiate the candidates for degrees in the different Schools below the Senior class.

GRADUATE STUDENTS

Candidates for Degrees

Master of Arts

*King, Thomas, S. Columba's College, Durham, Australia, 1912; Philosophy, Coramba, N. S. W., Australia.

*Meiners, William W., A.B., Southern Minnesota Normal College, 1906; Philosophy, Austin, Minn.

Redmon, Blanche, A.B., The James Millikin University, 1912; Sociology, Decatur.

*Sherman, Thomas E., A.B., Adrian College, 1911; Auburn Theological Seminary, 1890; History, Williamsburg, Iowa. —4

Not Candidates for Degrees

Bellamy, Ora Endes, A.B., The James Millikin University, 1909; Domestic Science, Decatur.

Bragg, Lucile Margaret, A.M., The James Millikin University, 1910; Domestic Art, Decatur.

Jacobsen, Sarah Augusta, A.B., The James Millikin University, 1912; English and Latin, Niantic.

McGaughey, William Ray, A.B., The James Millikin University, 1906; Commerce and Finance, Mt. Zion.

Owings, Julia, B.S., in Fine and Applied Arts, The James Millikin University, 1912; Fine and Applied Arts, Owaneco.

Randle, Lelah Ruth, A.B., DePauw University, 1907; English, Springfield.

Russell, Margaret Louise, A.B., The James Millikin University, 1912; Latin and English, Decatur.

Seifried, Marguerite J., A.B., Colorado College, 1910; Applied Arts, Georgetown, Colo.

Shade, Dorothy Josephine, A.B., The James Millikin University, 1912; English, Decatur.

—9

UNDERGRADUATES

Seniors

Bachelor of Arts

Ayres, Jessie Corita,	Decatur
Bergen, Esther Lou,	Decatur
Butler, Joseph Dennis,	Moweaqua
Davis, Edna Emma,	Decatur
Edmonson, Mabel Kent,	Atwood
Gray, Daniel,	Decatur
Ketch, Helen Grace,	Decatur
Kriege, Laura Olivia,	St. Louis, Mo.
Meeker, Lloyd Lowell,	Decatur
Merris, Byron McCoy,	Oakley
Moffett, Helen Lucretia,	Decatur
Morgan, Effie Marguerite,	Springfield
Munch, Harry Barber,	Decatur
Potter, Marguerite Shaw,	Decatur
Prestley, Mary,	Decatur
Rogers, Walter E.,	Decatur
Scherer, Harry Tecumseh,	Raymond
Scott, Marie,	Bethany
Smith, William Edgar,	Decatur
Spence, Elmer C.,	Le Roy
Stahles, Floyd F.,	Lexington
Wasson, Nellie Lois,	Decatur
Webber, Albert G.,	Decatur
Yarnell, Maude,	Decatur

Bachelor of Science in Commerce and Finance

Dunn, Archibald Taylor,	Virginia
Holmes, William B.,	Effingham
Milllon, Burwell A.,	Decatur
Montgomery, John Paul,	Decatur
Riggs, Harry E.,	Decatur
Thayer, Stanley Stillwell,	Fairbury

Bachelor of Science in Domestic Economy

Ameling, Viola May,	Decatur
Laws, Lena Myrtle,	Donnellson

Bachelor of Science with Library Science

Brecount, Nina May,	Decatur —33

Juniors

Ayres, Hila Augusta,	Decatur
Bell, Mary Aurelia,	Carbondale
Bickel, Lucile Clark,	Greenville, Ohio
Bishop, Bessie,	Decatur
Clickener, Sarah H.,	Morrisonville
Crumbaker, Clarence Charles,	Bloomington
Dale, Sarah,	Decatur
Davis, Lelah Bell,	Decatur
Drobisch, Sophia M.,	Decatur
Evans, Melbourne C.,	Decatur
Fisher, Fay,	Decatur
Freyburger, Margaret Verl,	Decatur
Gearish, Charles Alanson,	Hoopeston
Hall, James Harvey,	Niantic
Hayes, Blanche H.,	Pawhuska, Okla.
Henderson, William,	Decatur
Hessler, Margaret Constance,	Decatur
Hicks, Alice Irene,	Chicago
Irwin, Alta Eloise,	Normal
Jacobsen, Bessie Luella,	Niantic
Joel, Fred. F.,	Canon City, Colo.
King, Lorin Hudson,	Divernon
Lefever, Clara Frances,	Decatur
Lewis, Leslie,	Atwood
McDaniel, Myrtle Vance,	Assumption
McNabb, Margaret,	Decatur
Mason, Eula,	Fillmore
May, Myrtle,	Mt. Zion
Milligan, Anna Stockton,	Spencer, Ind.
Mills, Andrew Hubert,	Decatur
Montgomery, Ruth,	Decatur
Morrison, Ethel Ruth,	Decatur
Nicholson, Ruth Marie,	Decatur
Orr, Edna Belle,	Decatur
Pasold, Clara,	Decatur
Redmon, Blossom,	Decatur
Reed, Gertrude Eleanor,	Ashmore
Reynolds, William Alonzo,	Decatur
Riddle, Opal Deane,	Decatur
Rosenstein, Miriam,	Decatur
Shade, Harriet Ellen,	Decatur
Shaw, Ivra Clemence,	Decatur
Shepherd, Jessie Marguerite,	Wheaton
Shipp, Dona Lucille,	Paris
Shoot, Lois Mary,	Charleston
Springer, Emerson Cash,	Newman
Stanfield, Maude Elizabeth,	Paris
Starkey, Arthur Logan,	Mattoon
Stoker, Ann,	Centralia
Swanson, Ruth,	Hoopeston
Tenison, Samuel Alfred,	Hillsboro
Threlkeld, Gayle,	Decatur
Van Deventer, Florence Adelaide,	Decatur
Welsh, Neva Clare,	Decatur
Wilcox, Harriet Aurelia,	Rosemond
Worrell, Dee,	Clayton, Ind.

—56

Sophomores

Baird, Florence Helen,	Ogden, Utah
Baxmeyer, Charlotte E.,	Assumption
Beltz, John S.,	Gardner
Berkshire, Gladys Allison,	Springfield
Bolay, Andrew C.,	Decatur
Bowyer, Virginia,	Springfield
Brawner, Harriet Elsie,	Delavan
Bricker, Homer,	Maroa
Brown, Rebecce Alice,	Decatur
Coen, Roscoe C.,	Neoga
Collier, Elsie,	Decatur
Collins, Guy,	Garrett
Collins, Leslie Scott,	Garrett
Conel, Nina Cornelia,	Decatur
Craycroft, Robert Cairns,	Mt Zion
Cushing, Mildred,	Decatur
Dallstream, Andrew John,	Hoopeston
Davis, Blanche,	Decatur
Davis, Edith Verna,	Decatur
Dickerson, Guy Leon,	Clinton
File, Viola Louise,	Irving
Gelsthorp, Edna Gladine,	Beason
Gillespie, Carolyn C.,	Decatur
Gilson, Edward Sevier,	Paducah, Ky.
Grady, Hazel,	Decatur
Green, Daniel Herbert,	South Wilmington
Halterman, Harry R.,	Anna
Harper, Edna,	Carthage
Hart, Clyde,	Hillsboro

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* In absentia.

Hawver, Paul,	Decatur
Henderson, Lucy Reid,	Decatur
Hessler, Herbert Eugene,	Decatur
Hilpert, Frank,	Stanford
Holloway, Minnie,	Yates Center, Kas.
Hopple, Helen,	Bucyrus, Ohio
Horn, Mattie Virginia,	Ogden, Utah
Hostetler, Ruth Brooks,	Decatur
Houghton, Frank,	Petersburg
Hudson, Rowena Bell,	Decatur
Jenkins, Grover C.,	Decatur
Lawver, Earl,	Freeport
Lewman, Ruth Lorena,	Decatur
Lillich, George O.,	Latham
Long, Alexander,	Decatur
McClelland, Marian,	Decatur
McDavid, Carroll M.,	Hillsboro
McDonald, Edmund Urban,	Decatur
McIntosh, Martha Gertrude,	Decatur
McMennamy, Anna Ruth,	Bethany
Meeker, Edna,	Decatur
Mills, Margaret,	Decatur
Mitten, Wayne Bennett,	Fairbury
Moeller, Helen,	Decatur
Monroe, Jean Ellen,	Wheaton
Mose, Walter,	Moweaqua
Mourning, Paul Wetzel,	Rushville
Naber, Louise,	Wabash, Ind.
Osgood, Harold M.,	Decatur
Parkinson, Nellis,	Centralia
Peterson, Harry M.,	Macedonia, Iowa
Phillips, Anna Marie,	Decatur
Pinnell, Mary,	Kansas
Postlewait, Claude Mortemore,	Carrollton
Prestley, Margery,	Decatur
Pritchett, Carl W.,	Niantic
Scott, Edna Catherine,	Mt. Zion
Shelley, Earl,	Mt. Vernon
Sleeter, Verne D.,	Decatur
Smith, Floyd,	Mt. Vernon
Smith, Ruth,	Carbondale
Stanley, Dean,	Rocky Ford, Colo.
Steele, Lula Lottie,	Dover
Stokes, Hiram W.,	Edinburg
Stowell, Annie Genevieve Estelle,	Hannibal, Mo.
Sugg, John Norman,	Kinmundy
Tucker, Samuel,	Decatur
Wakefield, Bertha,	Heyworth
Ward, Joseph Leon,	Decatur
Watkins, Alice E.,	Decatur
Westervelt, Barton H.,	Decatur
White, Sadie Alice,	Loami
Wilcox, Ethel,	Rosemond
Wilkinson, Jackson Heath,	Bethany
Willits, Charles W.,	Decatur

—84

Freshmen

Albert, Harry Donald,	Mansfield
Arndt, Paul, Jr.,	Decatur
Baber, Adin,	Dudley
Bailey, Leo L.,	Boody
Barrackman, Milan Goodyear,	Streator
Barnes, Myrtle,	Decatur
Beatty, Winifred Yuba,	Clinton
Bishop, Charles Corder,	Decatur
Bottrell, Beatrice,	Decatur
Boyd, Eleanor Jane,	Mattoon
Bradford, Louise M.,	Decatur
Brown, Delos H.,	Centralia
Burns, Leighton,	Oakland
Busher, William Curtis,	Decatur
Caldwell, Kenneth R.,	Decatur
Campbell, Charles E.,	Vera
Casey, William C.,	Decatur
Cass, Lyman Clyde,	Table Grove
Childs, Agnes Edna,	Decatur
Chynoweth, Ray I.,	Macon
Cloud, Harry Pierce,	Decatur
Coley, Glenn,	Pittsfield
Coombs, Mayme Edna,	Decatur
Corzine, Lena R.,	Stonington
Cowen, Joy B.,	Harristown
Craig, Gertrude,	Mattoon
Davis, Effie Haldeen,	Decatur
Davis, Frank W.,	Omaha
Dawson, Edith Louise,	Decatur
Demerath, LeRoy,	Kewanee
Dick, Carl A.,	Hammond
Dick, Vernon Frederick,	Hammond
Dillehunt, Marie,	Decatur
Douglass, Curtis R.,	Coffeen
Drobisch, Raymond Wessells,	Decatur
Edick, George LeRoy,	Omro, Wis.
Ellison, Wilber W.,	Mt. Vernon
Ellsworth, Mildred D.,	Grand Ridge
Field, Harriette Irene,	Clinton
Fisher, Alma Etha,	Decatur
Francis, Helen,	Decatur
Fruit, Bessie,	Decatur
Garrett, Emma Francis,	Dalton City
Garrison, Russell Paul,	Wayne City
Gastineau, Everett F.,	Loxa
Gillespie, Mary A.,	Decatur
Graham, Maude Alice,	Quantico, Md.
Gray, William J.,	Findlay
Graybill, Clara May,	Decatur
Graybill, Leo C.,	Decatur
Grundy, Charles Edwin,	Morrisonville
Hardin, Wesley,	Clinton
Hartmann, Marie,	Decatur
Hays, Marie A.,	Decatur
Hedges, John William,	Blue Mound
Hempel, Henry E.,	Decatur
Hershey, Scott W.,	Taylorville
Hiestand, Grace,	Martinsburg, Ind.
High, Kenneth W.,	Mattoon
Hill, H. Ayers,	Springfield
Hinds, Almon Wilkinson,	Decatur
Holcomb, Wallace,	Centralia
Hostetler, Gertrude,	Duluth, Minn.
Howenstine, Laura-Belle,	Decatur
Irvin, Ray,	Patoka
Irwin, Doris Elaine,	Normal
Johnston, Litta,	Petersburg
Jones, Clarence Bosworth,	Streator
Kassebaum, Mary Esther,	Aurora, Ind.
Kendall, Velda Caroline,	Virginia
Kent, Emmett,	Clinton
Kiick, Elmer L.,	Glidden, Iowa
Kiick, Lester Dean,	Glidden, Iowa
Kohler, Mary Louise,	Chicago
Kurtz, Mabel Gertrude,	Danville, Ind.
Large, Ruth Elizabeth,	Decatur
Law, Litta M.,	Streator
Lawson, Burtis Carl,	Springfield
Lehman, Everett,	Decatur
Levick, John,	Mt. Vernon
Lichtenberger, Raleigh,	Decatur
Lincoln, Chester,	Hammond
Long, Mildred,	Chicago
Lynn, Florence Anna,	Earlville
McCormick, Veronica,	Ambia, Ind.
McDougle, Verne Russell,	Charleston
McKibben, Alyce,	Albion
Marshall, Freda,	Decatur
Marshall, Marian Frances,	Decatur
Martin, Ella Hazel,	Decatur
Mattes, Arthur Wesley,	Decatur
Maxwell, Robert Blane,	Lovington
May, Fred R.,	Mt. Zion
Miller, Floyd R.,	Decatur
Miller, Grace Meredith,	Noblesville, Ind.
Mills, Walker Hill,	Decatur
Modes, Sara Voorhees,	Streator
Monroe, Alice Barbara,	Wheaton
Montgomery, John Alexander,	Greenview
Morrow, H. Lawrence,	Hume
Nelson, Roy Alexander,	Decatur
Nichols, Mary,	Decatur
Nicol, Marjorie Dee,	Telluride, Colo.
North, Florence Bernice,	El Paso
Norton, May,	Fairview
Painter, Donna Minerva,	Decatur
Palmer, Irma Lucile,	Grand Ridge
Pasley, Mary Jane,	Decatur
Pinnell, Grace,	Westfield
Randolph, Clara,	Alton
Reid, Leo W.,	Mt. Vernon
Riggs, Mildred Eleanor,	Atwood
Roby, Helen Elizabeth,	Decatur
Roth, Otto,	Stanford
Russell, Carl R.,	Decatur
Schenker, Celia,	Vandalia
Schmachtenberger, Gladys Ann,	Decatur
Scroggin, Arthur Monroe,	Mt. Pulaski
Searight, Grace G.,	Metropolis
Shilling, Franklin William,	Decatur
Shurtz, E. Judson,	Decatur

Simpson, Everett,	Sparland
Smith, Helen Kathryn,	McNabb
Smith, Hilda K.,	Rockport, Ind.
Smith, Thomas Casper,	Atwood
Sprague, Gladys Ozelma,	Taylorville
Stevenson, Dorothy,	Decatur
Stokes, Clifford Sharp,	Edinburg
Swanson, Paul C.,	Hoopeston
Swisher, George G.,	Mt. Vernon
Taylor, Nellie Marie,	Chillicothe, Ohio
Tenison, Eda Marie,	Hillsboro
Van Deventer, Mack,	Decatur
Voris, Maude,	Stewardson
Walraven, George Dodge,	Centralia
Wasem, Leslie F.,	Patoka
Watson, Esther Marie,	Arthur
Webber, Helen A.,	Decatur
Weber, Amiel A.,	Decatur
Weilepp, Laura E.,	Decatur
Westervelt, Helen Maurine,	Decatur
White, Rono,	Charleston
Widdifield, Bertha,	Columbia City, Ind.
Williams, Faye,	Clinton
Williams, Gladys,	Ritchie
Williams, Mary Dearborn,	Mattoon
Williams, Walter H.,	Ritchie
Wills, Myrtle Annette,	West Eminence, Mo.
Wilson, Arpie L.,	Edinburg
Wright, Raymond,	Decatur
Zimmerman, Ruby Elizabeth,	Decatur

—151

Fourth Year Academy

Graduating Class

Bruce, Doris Bell,	Hornsby
Cribbet, Howard Herbert,	Findlay
Delahunty, Arthur F.,	Decatur
Dick, Rosa Mabel,	Arthur
Duvall, Wilbur C.,	Argenta
Frede, Gail Louise,	Stewardson
Garman, Grace Edna,	Decatur
Garman, John Walter,	Decatur
Hammet, Clarence Irwin,	Clarence, Mo.
Hudson, Noel Paul,	Decatur
Irwin, Edith Etha,	Decatur
Irwin, Robert Bliss,	Decatur
James, Helen Ida,	Decatur
Kenney, Helen Louise,	Broadland
Kerney, Charlotte Wright,	Decatur
Lewis, Eleanore,	Decatur
McElhiney, Ruth,	Kenney
Seyfer, E. Rena,	Decatur
Shaw, Lauren L.,	Decatur
Smith, Alice Marie,	Bethany
Sutman, Roy F.,	Boody
Valentine, Miriam Wells,	Bennington, Vt.
Williams, Josiah,	Woodland
Williams, Ralph Chester,	Decatur
Williams, Sara Matella,	Decatur
Wilkinson, Helen E.,	Bethany
Wilson, Margaretha Agnes,	Decatur

—27

* * * *

Chipps, Mabel Blanche,	Sullivan
Cloud, Clarence C.,	Nemaha, Iowa
Duff, Leonard E.,	Beason
Law, Myrtle E.,	Decatur
Reed, James D.,	Harvel
Teague, Roland J.,	Bloomingdale, Ind.
Teaney, Robert Truman,	Taylorville
Throgmorton, Norris,	Lane
Voris, Virginia Van,	Stewardson
Wehmhoff, Merrill Frank,	Dalton City
White, Ollie Mae,	Decatur

—11

Third Year Academy

Bartlett, Deral Cleon,	Decatur
Beall, Helen Augusta,	Niantic
Bennett, Fern Marie,	Clinton
Best, Gladys Elizabeth,	Nokomis
Black, Oliver Weaver,	Decatur
Blythe, Hazel C.,	Gays
Bulman, Leigh,	Decatur
Campbell, Helen,	Illiopolis
Colby, Ethel,	Decatur
Cooper, Dorothy Eunice,	Decatur
Curry, Henry B.,	Beason
Delaney, James,	Niantic
Eusey, Samuel,	Decatur
Fisher, Frank,	Atwood
Havenar, Lelah Edith,	Harvel
Hinton, Andrew Dudley,	Decatur
Holberg, Leo Norton,	Portland, Ore.
Hooper, Fay,	Decatur
Howell, Irma Lillis,	Decatur
Hudson, George Donald,	Decatur
Jones, Carl Delmar,	Midland City
Keatts, Rollie Merl,	Maroa
Long, Joe C.,	Decatur
Lyerla, Ava,	Irving
McCord, Adda E.,	De Witt
Major, Ralph Howard,	Warrensburg
Moffett, Wilna Cottle,	Boody
Murray, J. Wayne,	Mt. Auburn
Myers, Martin J.,	Decatur
Parker, Charles A.,	Midland City
Patch, Eloise,	Sycamore
Price, Arthur L.,	Decatur
Schien, Clarence E.,	Clinton
Scott, Cora A.,	Mt. Zion
Skinner, Gershie,	Oconee
Smith, Leonard B.,	Decatur
Starr, Eva Velma,	Bethany
Stoutenborough, George,	Maroa
Trowbridge, Lillian,	Midland City
Weidner, Vera Beatrice,	Prairiehall

—40

Second Year Academy

Bass, Mayhell Marie,	Oconee
Birks, Jenna Ruth,	Decatur
Brown, Alice D.,	Loxa
Conaghan, Josephine,	Decatur
Greenfield, Ruth,	Dalton City
Harrison, Benjamin, Samuel,	New Decatur, Ala.
Henry, Lucy Dell,	Decatur
Henshie, Lura M.,	Decatur
Monegan, William Thomas,	Morrisonville
Rawlings, Edith Yencer,	Findlay
Reed, J. Herman,	Ashmore
Satterthwaite, Evalena Mary,	Pana
Spence, Eber,	LeRoy
Steele, Arthur Yates,	Decatur
Stimmel, Virgil Bering,	Decatur
Strawson, Guy B.,	Ritchey
Taylor, Frances Edith,	Beardstown
Thompson, Ollye M.,	Water Valley, Ky.
Wilson, Cecil A.,	Argenta

—19

First Year Academy

Armstrong, Ralph Irvin,	Hume
Bass, Ray Spurgeon,	Oconee
Brown, Lora B.,	Rosemond
Cole, Pearl Lorraine,	Decatur
Crowder, Sadie Fay,	Bethany
Elsbury, Ethel Irene,	Decatur
Garman, Ray L.,	Bethany
Glenn, Jennie,	Ozark, Mo.
Logue, Ernie McKinley,	Brownstown
McGinnis, Ruth,	Mattoon
Million, Treva O.,	Decatur
Morphis, Samuel Roley,	Danville
Pasley, Lena Dorothy,	Decatur
Pope, Brace,	Blue Mound
Skinner, William McKinley,	Oconee
Sundell, Ruby Helen,	Kankakee

—16

Special Students

The following list includes students of College or Academy rank, carrying one or more subjects.

Apprentice

Beesley, Oscar Vernon,	Vincennes, Ind.
Kester, Harry M.,	Midland City
Yarnall, Lowell Charles,	Decatur

—3

Chemistry

Bagby, Robert B.,	Quincy

—1

Commerce and Finance

Allen, Manon R.,	Decatur
Bennett, Oscar W.,	Decatur
Charles, Harry L.,	Decatur
Croy, Caroline May,	Decatur
Cope, Roy,	Decatur
Fessler, Glenn,	Decatur
Michl, Leo,	Decatur
Parrish, Roy C.,	Decatur
Rodgers, Guy Reid,	Decatur
Rodgers, Hiram W.,	Decatur
Stagner, Bess Fern,	Stanford

—11

Domestic Art

DuHadway, Estelle,	Jerseyville
Hayes, Beatrice,	Oden, Ind.
Parker, Emily,	Yale
Putnam, Elizabeth W.,	Whiting, Ind.
Risley, Bessie R.,	Decatur
Scroggin, Kit,	Windsor
Talbott, Minnie,	Decatur

—7

Domestic Economy

Jackson, Roberta Earnest,	Decatur
Powell, Nell Justina,	Tonica
Stevenson, Lena Leonard,	Decatur

—3

Domestic Science

Armstrong, Florence,	Decatur
Drobisch, Alice W.,	Decatur
East, Olive Winifred,	Cerro Gordo
Edmonds, Laura,	Pine Bluff, Ark.

—4

Engineering

Edick, Charles D.,	Omro, Wis.

—1

English

Bowman, Emma G.,	Decatur
Clark, Nelle N.,	Mattoon
Clark, Ruby,	Decatur
Craig, Estelle,	Maroa
Culver, Ruth,	Decatur
Dills, Marian Lenore,	Decatur
McConnell, Florence E.,	Decatur
Martin, Laura,	Decatur
Niles, Ella G.,	Decatur
Riddle, Eva M.,	Decatur
Rodgers, Norma Kathleen,	Decatur
Smith, Flora B.,	Decatur
Stimson, Fay,	Vandalia
Stoner, Evelyn Katherine,	South English, Iowa

—14

Fine and Applied Arts

Adams, Paul J.,	Decatur
Buckmaster, Mabel Marcella,	Decatur
Cox, Edna Pearl,	Pana
Edgar, Gertrude,	Decatur
Heald, Helen M.,	Peoria
Hill, Grace I.,	Decatur
Manning, Hazel,	Decatur
Mead, Anna E.,	Decatur
Montgomery, Alberta,	Decatur
Montgomery, Cora Mae,	Decatur
Ryan, Helen,	Decatur
Talbott, James,	Decatur
Woodward, Nellie A.,	Decatur

—13

Keramics

Berkley, Stella Ozeta,	Casey
Cochran, Laura Edna,	Pana
Davis, Eva Pearl,	Decatur
Faith, Edna Joy,	Warrensburg
Fletcher, Mamie D.,	Mt. Zion
Lindsey, Jessie,	Decatur
McClelland, Bertha Claire,	Beason
McClure, Bess,	Monticello
McCord, Neva,	DeWitt
Munson, Kezia Ethel,	Arcola
Murdock, Louise M.,	Clinton
Parker, Lois C.,	Decatur
Quickel, Luella M.,	Decatur
Seifried, Ruth H.,	Georgetown, Colo.

—14

Manual Training

Knisley, Andrew Allen,	Decatur
Pasold, John M.,	Decatur
Perrott, Richard H.,	Maroa
Reid, Harold E.,	Decatur
Sawyer, Ray George,	Decatur

—5

Mathematics

Maris, John Samuel,	Seattle, Wash.

—1

Modern Languages

Doyle, Katherine,	Monticello
Parker, Lucile,	Midland City

—2

Pedagogy

Blair, Effie A.,	Blue Mound
Smith, Mary Isabel,	Wheeler

—2

Public Speaking

Clark, Minnie B.,	Decatur
Corrington, Eula Mariah,	Decatur
Stametz, Esther,	Springfield

—3

CONSERVATORY OF MUSIC

Practic Courses

Piano

Graduate

Childs, Edna,	Decatur
Corbin, Rose,	Sullivan
Gebhart, Nellie,	Decatur
Primm, Ethel Mundy,	Hannibal, Mo.
Rogers, Ora B.,	Petersburg

—5

Collegiate

Adams, J. Robert,	Atlanta
Ammann, Pearl,	Decatur
Anderson, Ruby,	McLeansboro
Armstrong, Eleanor,	Decatur
Baker, Oma Maye,	Sullivan
Baldridge, Lois,	Decatur
Bateman, Gladys Marie,	Decatur
Baumann, Hilma,	Mt. Pulaski
Beall, Helen Augusta,	Niantic
Bear, Geneva Kelly,	Monticello
Beck, Xenia A.,	Windsor
Benson, Vera,	Harristown
Bergen, Esther Lou,	Decatur
Berkley, Stella,	Casey
Best, Gladys,	Nokomis
Birks, Jenna,	Decatur
Bolen, Braden Eve,	Decatur
Booth, Melba,	Decatur
Boyd, Eleanor Jane,	Mattoon
Brown, Alice Dean,	Loxa
Brownback, Eloise,	Decatur
Burkholder, Lula,	Decatur
Bushert, Grace,	Bethany
Cannon, Linn,	Decatur
Casey, Ida,	Moweaqua
Chambers, Margaret,	New Holland
Childs, Agnes,	Decatur
Chittum, Mae,	Sorento
Clark, Minnie B.,	Decatur
Clark, Ruby Veronica,	Decatur
Clements, Lucy,	Stonington
Clements, Sallye,	Stonington
Colby, Ethel,	Decatur
Collier, Elsie,	Decatur
Cowen, Joy,	Harristown
Craig, Gertrude,	Mattoon
Cripe, Hattie,	Decatur
Cronin, Clara,	Assumption
Cross, Elma,	Weldon
Crowder, Florence,	Bethany
Curtis, Louise,	Decatur
Davis, Lelah-Belle,	Decatur
Dawson, Edith Louise,	Decatur
Dillman, Genevart,	Yale

Donovan, William Everett,	Decatur
Duggan, Mary,	Decatur
DuHadway, Estelle,	Jerseyville
East, Florence,	Gerro Gordo
Eddy, Velma Zora,	Decatur
Fagen, Beatrice,	Decatur
Faith, Nira,	Illiopolis
Field, Harriette Irene,	Clinton
File, Viola,	Irving
Fisher, Olive,	Bement
Fisk, Sylvia,	Mt. Zion
Fitch, Erma,	Greenup
Floyd, Ethel,	Decatur
Ford, Hester,	Illiopolis
Francis, Lucile,	Girard
Freeland, Mamie Mayes,	Dalton City
French, Olive,	Warrensburg
Garman, Ethel,	Bethany
Gebhart, Fleeta,	Decatur
Gelsthorp, Edna,	Beason
Gilman, Gladys E.,	Harristown
Gragg, Mary,	Stonington
Grear, Veta,	Stonington
Gross, Julia K.,	Atwood
Gushard, Geraldine,	Decatur
Gushard, Louise,	Decatur
Hammond, Sylvia Armstrong,	Clinton
Hartrick, Eva,	Decatur
Hawkins, Lena Ernestine,	Arcola
Hayes, Beatrice,	Odon, Ind.
Henry, Lucy,	Decatur
Hicks, Alice Irene,	Chicago
Hogg, Helen,	Bethany
Horner, Flora,	Danville
Howell, Irma L.,	Decatur
Hubbart, Faith,	Jacksonville
Huff, Guyncith,	Maroa
Ingham, Helen,	Clinton
Irish, Emma Bone,	Decatur
Jensen, Frieda Amolia,	Decatur
Keith, Mayme,	Decatur
Kerns, Beatrice,	Illiopolis
Kile, Sybil,	Argenta
Lee, Pearl,	Westfield
Leach, Nola,	Atwater
LeForgee, Valette Isabel,	Decatur
Leighty, Florence,	Tower Hill
Lillich, George,	Latham
Lindsay, Vivian S.,	Decatur
Lindsey, Utie R.,	Decatur
Lutz. Eloise,	Decatur
Lyerla, Ava,	Irving
Lyngar, Lillian,	Greenfield, Mo.
MacGoldrick, Irma I.,	Springfield
MacWherter, Lucie B.,	Decatur
McClelland, Marian,	Decatur
McClintock, Lucy,	Lincoln
McCormick, Veronica M.,	Ambia, Ind.
McCune, Eivin B.,	Decatur
McDaniel, Lena,	Assumption
McElhiney, Ruth,	Kenney
McMorris, Winnie,	Decatur
McNabb, Anna Whitmer,	Decatur
Martin, Freda,	Decatur
May, Fred,	Mt. Zion
Merris, Frances,	Macon
Merris, Helen,	Oakley
Miller, Mary Ann,	Decatur
Moeller, Helen,	Decatur
Moffett, Wilna,	Boody
Monroe, Jean Ellen,	Wheaton
Montgomery, Ethel L.,	Taylorville
Munch, Adah Mae,	Weldon
Murfin, Eunice,	Patoka
Myers, Pauline,	Decatur
Nicol, Marjorie,	Telluride, Colo.
Ogden, Grace May,	Danville
Ogg, Lela,	Scottville
Owen, Susanna,	Decatur
Parker, Lucille,	Midland City
Parr, Harriet A.,	Decatur
Pasold, Clara,	Decatur
Petty, Zella Marie,	Decatur
Perrott, Alma,	Maroa
Porter, Irene,	Grand Ridge,
Powers, Dessie Bowers,	Decatur
Randol, Ethel Eva,	Lovington
Rawlings, Edith,	Findley
Roberts, Myrtle,	Decatur
Roberts, Ruth,	Decatur
Robinson, Gertrude,	Decatur
Rodgers, Norma Kathleen,	Decatur
Rogers, Frances,	Findlay
Rose, Edith Belle,	Bement
Schaper, Newell,	Nokomis
Schroeder, Alma L.,	Grayville
Scott, Marie,	Bethany
Scott, Mignonette,	Mt. Zion
Scroggins, Kit,	Windsor
Semmel, Mabel M.,	Decatur
Shaffer, Edythe,	Weldon
Sharpes, Bertha,	Stonington
Sheehan, Mary Delene,	Decatur
Shick, Bessie Cleora,	Decatur
Simpson, Everett,	Sparland
Smith, Helen,	McNabb
Smith, Mary Isabelle,	Wheeler
Staley, Ione,	Decatur
Stamets, Esther,	Springfield
Stansbury, Inez,	Taylorville
Starr, Grace,	Decatur
Stewart, Myrtle,	Decatur
Stratton, Rose,	Hoopeston
Stroh, Gladys,	Hume
Thomas, Lynas,	Decatur
Thrift, Marie Childs,	Sarnia, Ont.
Troxel, Neva,	Cerro Gordo
Votaw, Lillian,	Decatur
Ullrick, Anna Camelia,	Pana
Vallow, Grace Shaw,	Clinton
Wacaser, Pearl,	Lovington
Walker, Mabel Bernice,	Bethany
Wandel, Grace Taylor,	Decatur
Welty, Letta Hope,	Cerro Gordo
Westervelt, Gretna,	Decatur
Whited, Chloe,	Rapatee
Wikoff, Ethel,	Maroa
Wiley, Wilna,	Camargo
Williams, Gladys,	Ritchie
Williams, Luile,	Decatur
Williams. Mary D.,	Mattoon
Willis, Florence,	Decatur
Willits, Charles,	Decatur
Wood, Charline,	Decatur
Wood, Florence,	Lake City, Mich.
Wrenn, Zilla M.,	Decatur
York, Estella,	Arthur

—181

Academic

Adams, Robert W.,	Decatur
Allen, Clifford,	Decatur
Allen, Susan,	Decatur
Andrews, Evelyn,	Decatur
Ater, Gladys,	Cisco
Atlass, Beatrice,	Decatur
Augustine, Lucy,	Decatur
Bagenski, Anna,	Decatur
Baldwin, Esther,	Decatur
Bandy, Florence,	Lake City
Barton, Hazel,	Warrensburg
Bassler, Alma,	Decatur
Bauer, Mirah,	Macon
Bear, Geraldean,	Decatur
Bennett, Fern,	Clinton
Benson, Nelles,	Decatur
Berkson, Saretta,	Clinton
Birks, Goldie,	Decatur
Black, Jennie E.,	Macon
Bohlen, Helen Eva,	Moweaqua
Bottrell, Beatrice,	Decatur
Bowersock, Lora,	Maroa
Bowman, Emma G.,	Decatur
Boyd, Grace,	Decatur
Bricker, Florence,	Maroa
Britton, Nina,	Mt. Zion
Brown, Cora,	Rosemond
Campbell, Helen,	Illiopolis
Carroll, Frances Folson,	Moweaqua
Cochran, Edna,	Pana
Collins, Helen May,	Decatur
Combs, Mayme,	Decatur
Conant, Willard,	Decatur
Conel, Nina,	Decatur
Conrad, Lorane,	Decatur
Connard, Lucile,	Elwin

Cooper, Ada,	Decatur
Cooper, Dorothy,	Decatur
Cooper, Whiting,	Maroa
Cope, Elizabeth,	Decatur
Corrington, Eula,	Decatur
Cross, Cassie,	Weldon
Cunningham, Velma,	Decatur
Davis, Charlotte,	Decatur
Day, Helen Mildred,	Moweaqua
Deakins, Helen,	Decatur
Dooley, John,	Decatur
Downey, Nellie E.,	Decatur
Doyle, Ethel A.,	Decatur
Droegemueller, August,	Decatur
Eakle, Essie,	Arthur
East, Earla,	Decatur
Elkins, Lucile,	Decatur
Ferber, Lydia,	Decatur
Fread, Nina,	Lovington
Freeman, Frances,	Moweaqua
Gaskins, Edna,	Decatur
Gebhart, Sybil,	Decatur
Glazebrook, Vera,	Decatur
Glessner, Harold,	Decatur
Goltra, Ina,	Decatur
Graves, Nina,	Decatur
Grayhill, Henrietta,	Decatur
Greenfield, Ruth,	Dalton City
Gregory, Geneva,	Outten
Hamman, Phyllis,	Decatur
Hanger, Opha,	Clinton
Harrison, Alice,	Chestnut
Hartman, Eva,	Argenta
Heckel, Mabel Baker,	Decatur
Heinle, Edith,	Argenta
Heyne, Alma,	Decatur
Hill, Helen,	Casner
Hinton, Iolene,	Decatur
Hitchcock, Lucile,	Decatur
Hooper, Fay,	Decatur
Hornback, Helen,	Decatur
Hudson, Leta,	Lovington
Huff, Doris,	Hammond
Humphrey, Sophia,	Decatur
Hunt, Effa,	Decatur
Hurd, Pauline,	Decatur
Isbell, Lola,	Decatur
Jeffrey, Evelyn Alma,	Decatur
Johnson, Arthur,	Decatur
Kemper, Geraldine,	Decatur
Kenney, Helen L.,	Broadlands
Kirk, Bertha,	Decatur
Knisley, Sara Hall,	Virginia
Kuny, Frances,	Decatur
Lambird, Cora,	Newton
Lees, Ocie,	Oconee
Lichtenberger, Helen,	Decatur
Lindley, Ola,	Macon
Locher, Mabel,	Cerro Gordo
Lowry, Hazel,	Decatur
Lyman, Alta E.,	Maroa
McAmis, Mary Barton,	Decatur
McAmis, Robert,	Decatur
McClanahan, June,	Forrest
McClure, Bessie,	Monticello
McCord, Adda E.,	DeWitt
McCord, Neva Cecil,	DeWitt
McKibbon, Alyce,	Albion
McKirahan, Fay L.,	Argenta
McMorris, Melba,	Decatur
Madden, George,	Decatur
Major, Vera,	Warrensburg
May, Virginia K.,	Decatur
Merritt, Ola,	Decatur
Miller, Lois,	Decatur
Mitchell, Bertha,	Hammond
Morris, Lurlene,	Oconee
Morrow, Margaret,	Decatur
Mosbarger, Vivien,	Decatur
Munch, Gertrude,	Weldon
Myers, Eunice,	Decatur
Oliver, Madge,	Decatur
Peck, Hazel,	Cerro Gordo
Phillis, Gertrude,	Decatur
Pobst, Fay,	Oakley
Prather, Alta,	Wheatland, Ind.
Pray, Gladys,	Pana
Price, Gwendolyn,	Oconee
Price, Mary,	Decatur
Randolph, Virginia,	Decatur
Rhodes, Enid F.,	Lovington
Robinson, Helen Alice,	Decatur
Sayers, Margaret,	Illiopolis
Scroggin, Arthur,	Mt. Pulaski
Sharpe, Marguerite,	Warrensburg
Shively, Fleta,	Macon
Shumate, Iva,	Long Creek
Shumate, Marie,	Mt. Zion
Shurtz, Leonard,	Decatur
Six, Lois,	Warrensburg
Sleeter, Bertha,	Decatur
Smith, Aileen,	Decatur
Smith, Mae,	Decatur
Sowash, Florence,	Decatur
Spaeth, Antoinette,	Decatur
Spaeth, Anna,	Decatur
Stewart, Margaret E.,	Decatur
Stolard, Mildred,	Decatur
Stoner, Evelyn H.,	South England, Iowa
Suffern, Beatrice,	Decatur
Traver, Dorothy,	Decatur
Tucker, Martha,	Decatur
Tucker, Gerald,	Decatur
Wacaser, Marie,	Decatur
Walker, Myrtle,	Broadlands
Walter, Lorraine,	Decatur
Walters, Emma P.,	Decatur
Watson, Marie,	Arthur
Weatherholt, Maud,	Atwood
Weilepp, Laura,	Decatur
Welton, Marie,	Kenney
Whitfield, Charles,	Decatur
Whitsel, Lucy,	Decatur
Wilkinson, Helen,	Bethany
Winings, Mary Bandy,	Lake City
Winings, Myrtle,	Decatur
Wise, Ralph,	Decatur
Wood, Elsie,	Decatur

—164

Elementary

Adams, Marilla,	Decatur
Adams, Paul,	Decatur
Allen, Corinne,	Decatur
Ammann, Margaret,	Decatur
Andrews, Forrest,	Decatur
Andrews, Margaret,	Decatur
Andrews, Paul,	Decatur
Armstrong, Frances,	Decatur
Armstrong, Robert,	Decatur
Atkinson, Maurice,	Decatur
Augustine, Dorothy,	Decatur
Augustine, Mary Ellen,	Decatur
Ayers, Ruth,	Decatur
Bachman, Anna,	Decatur
Bailey, Vada,	Boody
Baird, Marian,	Decatur
Baker, Russell,	Decatur
Barber, William,	Decatur
Barbey, Bernice,	Decatur
Bear, Merle,	Decatur
Beery, Irma,	Decatur
Bergen, James,	Decatur
Birge, Caroline,	Decatur
Bonifield, Bernice,	Decatur
Bonifield, Miriam,	Decatur
Borch, Fred,	Decatur
Britton, Ethel,	Mt. Zion
Bruso, Edgar Bradford,	Decatur
Bruso, Louis Phillip,	Decatur
Buchanan, Elsie,	Decatur
Buckmaster, Hazel,	Decatur
Burrows, Crystal,	Decatur
Burrows, Viola,	Decatur
Busbey, Christine,	Decatur
Cantrell, Ruth,	Decatur
Cash, Beatrice,	Eldorado
Cash, Ruth,	Eldorado
Clesson, Florence,	Decatur
Conklin, Dorothy Jane,	Decatur
Cope, Thelma,	Decatur
Cooper, Helen,	Decatur
Crane, Naomi,	Decatur
Crossland, Lodelia,	Decatur
Crossland, Viola,	Decatur
Cryer, Edith,	Decatur
Davis, Dorothy,	Decatur
Dawson, Dorothy,	Decatur

Deakins, Frieda,	Decatur
Deverell, Margaret,	Decatur
Dizney, Jessie,	Decatur
Drake, Mary Louise,	Decatur
Durning, Juanita,	Mt. Zion
Edwards, Juanita,	Decatur
Ellis, Anna Mary,	Decatur
Etheridge, Kathryn,	Decatur
Gale, Lucille,	Decatur
Gleeson, Gertrude,	Decatur
Glose, Ralph,	Decatur
Grady, Mary Lucile,	Decatur
Green, Frances,	Decatur
Greening, Ruth,	Decatur
Hamman, Ruth,	Decatur
Hanson, Harold,	Decatur
Hatfield, Kathryn,	Decatur
Heinle, Harold,	Argenta
Henton, Helen,	Decatur
Hill, Fern,	Casner
Holdren, Thelma,	Decatur
Hornback, Marion,	Decatur
Houran, Louis,	Decatur
Hunt, Virginia,	Decatur
Hutchison, Helen,	Decatur
Irving, Edwina,	Decatur
Jenkins, Adelina,	Decatur
Keith, Brent,	Decatur
Keyes, Ida May,	Decatur
Kirk, Dorcas Jane,	Decatur
Kunzelmann, Agnes,	Decatur
Lorenson, Mignon,	Decatur
Lowe, Helen,	Decatur
Lowry, Elmer,	Decatur
Lucas, Lillian,	Decatur
Lynam, Isabella,	Decatur
Lyon, William,	Decatur
Lyon, Eunice,	Decatur
Lytle, John,	Decatur
McBride, Glenn,	Decatur
McCalman, Helen,	Decatur
McCormick, Inez,	Decatur
McGavic, Geraldine,	Decatur
May, Mildred,	Decatur
Miller, Carl,	Decatur
Miller, Gladys,	Decatur
Mills, Anna Mary,	Decatur
Mitchell, Orenda,	Panama
Morse, Kathryn,	Decatur
Myers, May,	Decatur
Myers, Mildred,	Long Creek
Owen, Honore,	Decatur
O'Hara, Howard,	Decatur
Parr, Richard Arnold,	Decatur
Parrish, Frances,	Decatur
Pettus, Aline,	Decatur
Pettus, Irma,	Decatur
Pinkney, Kathryn,	Decatur
Phillis, Gladys,	Decatur
Post, Frances,	Decatur
Price, Catherine,	Decatur
Pride, Mary,	Decatur
Price, Mildred,	Decatur
Quickel, Claude,	Decatur
Quickel, Lucile,	Decatur
Rattan, Esther Idele,	Decatur
Record, Grace,	Decatur
Ritter, Helen,	Casner
Robertson, Louzetta,	Decatur
Ross, Mae,	Decatur
Rowdybush, Frank,	Decatur
Sanner, Nora,	Moweaqua
Sawyer, Muriel,	Decatur
Schroeder, Katherine,	Mt. Zion
Shaw, Leslie,	Decatur
Sheffler, Ruth,	Decatur
Shumard, Helen,	Decatur
Smeathers, Marjorie,	Decatur
Smith, Chester,	Mt. Zion
Smith, Deana,	Decatur
Traughber, Lucile,	Macon
Van Guilder, Elmer,	Decatur
Wacaser, Mabel,	Decatur
Wallace, Leonard,	Decatur
Weidman, Margery,	Decatur
White, Irma,	Decatur
White, Mabel,	Casner
Wilhelmy, Madeline,	Decatur —135

Unclassified

Albert, Louisa,	Warrensburg
Bunyard, Beulah,	Vandalia
Delahunty, Arthur,	Decatur
Doner, Fannie,	Lakewood
Glenn, Jennie,	Ozark, Mo.
Grisso, Hazel,	Cerro Gordo
Huber, Lidia,	Decatur
Lehman, Pearl,	Long Creek
Leonard, Helen,	Decatur
Leinhart, Bessie,	Decatur
Lively, Nellie,	Beecher City
Long, Jennie,	Decatur
Meredith, Edith,	Decatur
Morrow, Martha,	Decatur
Pasley, Lena,	Decatur
Postelwaite, Claude,	Carrollton
Reynolds, Mary McKennan,	Decatur
Salyers, Elva,	Atwood
Satterthwaite, Eralena,	Pana
Sloan, Lula,	Manchester
Sutherland, Clay,	Decatur
Thomas, Fay,	Decatur
Thompson, Ollye,	Water Valley, Ky.
Tulpin, Pearl Una Keziah,	Decatur
Williams, Noble,	Decatur

—25

Voice

Graduate

Wilson, Fannie D.,	Decatur

—1

Collegiate

Bell, Ava,	Decatur
Boyd, Florence,	Decatur
Busher, William Curtis,	Decatur
Cash, Arley,	Decatur
Corrington, Eula,	Decatur
DuHadway, Estelle,	Jerseyville
Eddy, Hazel,	Shelbyville
French, Olive,	Warrensburg
Freyburger, Verl,	Decatur
Gelsthrop, Edna G.,	Beason
Hall, Minerva,	Decatur
Houk, Laura,	Crown Point, Ind.
Hunt, Madge,	Decatur
Hubhart, Faith,	Lovington
Kepler, Harry C.,	Decatur
Kurtz, Mabel,	Danville, Ind.
Lomison, Beulah,	Decatur
MacWherter, William Kile,	Decatur
McClelland, Marian,	Decatur
McClintock, Lucy,	Lincoln
McNulta, Scott,	Decatur
McWilliams, L. D.,	Olivet, Mich.
Merris, Frances,	Macon
Millikin, Pauline,	Decatur
Morris, Jean,	Decatur
Moore, Ainslie,	Jacksonville
Parker, Lois,	Decatur
Rice, Celestine,	Decatur
Ridgley, Edith C.,	Decatur
Scott, Marie,	Bethany
Seifried, Ruth,	Georgetown, Colo.
Shipp, Dona,	Paris
Simpson, Everett,	Sparland
Smith, Mary Isabelle,	Wheeler
Thrift, Marie Childs,	Sarnia, Ont.
Tobey, Eileen,	Decatur
Wand, J. Ben,	Decatur
Wasson, Lois,	Decatur
Weaver, Hazel,	Decatur
Westervelt, Barton,	Decatur
Wilkins, Daisy,	Decatur
Wise, Ralph,	Decatur
Wood, Florence,	Lake City, Mich.
Wright, Isla,	Decatur

—44

Academic

Aikin, Bessie,	Decatur
Bailey, Leo,	Boody
Baker, S. Max,	Milmine
Bandy, Florence,	Lake City
Barret, Alberta,	Decatur

Barnes, Myrtle,	Decatur
Bear, Geraldean,	Decatur
Bean, John,	Decatur
Bradford, Louise,	Decatur
Benton, Edna,	Forsyth
Booth, Melba,	Decatur
Brewer, Bernice,	Decatur
Bunyard, Beulah,	Vandalia
Cockrum, Pansy,	Decatur
Colby, Lewis James,	Decatur
Cooper, Whiting,	Maroa
Cope, Elizabeth,	Decatur
Corbin, Rose,	Sullivan
Corzine, Lena,	Stonington
Corzine, Sadie Eva,	Decatur
Crowder, Florence L.,	Bethany
Crumbaker, Clarence C.,	Bloomington
Davis, Frank,	Decatur
Dillman, Genevart,	Yale
Dragstrem, Rolla H.,	Clinton
Drobisch, Mollie,	Decatur
Durning, Orville,	Mt. Zion
East, Winifred,	Cerro Gordo
Edmonson, Mabel,	Atwood
Fesler, Edna M.,	Decatur
Field, Harriette Irene,	Clinton
Fisher, Etha Alma,	Decatur
Fitzpatrick, Ruby,	Decatur
Floyd, Ethel Bella,	Decatur
Frede, Gail,	Stewardson
Garman, Ethel,	Bethany
Gaskins, Edna,	Decatur
Gaskins, Josephine,	Decatur,
Gibbs, Jessie,	Galva
Gibson, Ethel,	Homer
Gilman, Gladys,	Harristown
Gordanier, Albert A.,	Decatur
Grinnell, Margaret,	Warrensburg
Graybill, Clara May,	Decatur
Grisso, Hazel,	Cerro Gordo
Hardy, Edith May,	Waterloo
Hartrick, Roberta,	Decatur
Havenar, Lelah,	Harvel
Hawver, Paul,	Decatur
Hedeen, Lillie May,	Chicago
Hill, Bernice,	Monticello
Horner, Flora Belle,	Danville
Huff, Guyneith R.,	Maroa
Hunt, Effa,	Decatur
Irvin, Ray,	Patoka
Jeffrey, Alma E.,	Decatur
Keck, Elba E.,	Decatur
Kemper, Geraldine,	Decatur
Kenney, Helen,	Broadlands
Knisley, Sara,	Virginia
Lambird, Cora,	Newton
Lane, Flora,	Chicago
Leach, Nola,	Atwater
Lee, Pearl,	Westfield
Leonard, Helen,	Decatur
Lienhart, Ruth,	Decatur
Lindley, Ola Mae,	Macon
Ling, Irene,	Minier
Logue, Ernie M.,	Brownstown
Lowe, Mame W.,	Decatur
Lyman, Alta E.,	Maroa
McAmis, Mary Barton,	Decatur
McClanahan, June Irene,	Forrest
McCormick, Veronica,	Ambia, Ind.
Major, Vera B.,	Warrensburg
Martin, Gertrude E.,	Decatur
Mathes, Georgia,	Charleston
May, Fred,	Mt. Zion
Merritt, Ola Myrtle,	Decatur
Moffett, Margaret,	Decatur
Montgomery, Ethel L.,	Taylorsville
Morris, Lurlene,	Oconee
Mosbarger, Pauline N.,	Decatur
Munch, Adah Mae,	Weldon
Nicol, Marjory,	Telluride, Colo.
Ogden, Grace,	Danville
O'Heren, Aileen M.,	Decatur
Olsen, Rachel,	Clinton
Parker, Lucile,	Midland City
Pasley, Mayme,	Decatur
Patterson, Orel W.,	Decatur
Phillips, Anna Marie,	Decatur
Pinnell, Grace,	Westfield
Pinnell, Mary,	Kansas
Pitzer, Lalia A.,	Assumption
Prather, Alta Marie,	Wheatland, Ind.
Quick, Florence,	Atwood
Radford, Lucille Finetta,	Decatur
Reeter, Leta Mabel,	Lake City
Robbins, Pearl,	Niantic
Rodgers, Norma Kathleen,	Decatur
Rogers, Ora B.,	Petersburg
Roney, E. Faye,	Dalton City
Schroeder, Alma L.,	Grayville
Scroggins, Kit,	Windsor
Shade, Dorothy,	Decatur
Shively, Fleta,	Macon
Shoot, Lois Mary,	Charleston
Smith, Robert,	Decatur
Stagner, Bess Fern,	Stanford
Stamets, Esther,	Springfield
Stansbury, Inez,	Taylorville
Stoner, Evelyn,	So. England, Iowa
Stroh, Gladys M.,	Hume
Sugg, J. Norman,	Kinmundy
Thompson, Ollye,	Water Valley, Ky.
Ullrick, Anna Camelia,	Pana
Underwood, Dessie,	Decatur
Walter, Loraine,	Decatur
Weilepp, Laura,	Decatur
White, Hazel,	Decatur
Whited, Chloe,	Rapatee
Wikoff, Orville,	Maroa
Williams, Aileen,	Decatur
Wilmeth, J. Freeman,	Decatur
Wilson, Margaretha,	Decatur
Zimmer, Elizabeth,	Shelbyville

—127

Vocal Diction

Hunt, Madge Crowder,	Decatur

—1

Choral Classes

University Glee Club	27
Girls' Glee Club	30
	57

Violin

Collegiate

Browning, Grace,	Red Oak, Texas
Chambers, Margaret,	New Holland
Faught, Eva,	Decatur
Jones, Carl D.,	Midland City
Lavery, Ruth,	Decatur
Lutz, Milton,	Decatur
Pholson, Theoline S.,	Springfield
Raupp, Cressie,	Decatur
Rhodes, Carlyle,	Lovington
Rogers, Frances,	Findlay
Russell, Carl,	Decatur
Shafer, Marguerite,	Decatur
Sharlock, Otto H.,	Decatur
Trowbridge, Lillian,	Midland City

—14

Academic

Bachman, Charlotte,	Decatur
Dougherty, John R.,	Decatur
Durning, Helen,	Mt. Zion
Emerson, Ralph,	Stonington
Flickinger, Flora,	Atwood
George, Roy,	Decatur
Godwin, Lois,	Decatur
Hammet, Glenn E.,	Decatur
Heyne, William,	Decatur
Howard, May,	Clinton
Kingham, Glen,	Decatur
McAmis, Robert,	Decatur
McKeown, Catherine E.,	Forrest
Morgan, Rex,	Illiopolis
Patch, Eloise,	Sycamore
Shick, Bessie Cleora,	Decatur
Stewart, Mildred,	Moweaqua
Stokes, Walter J.,	Maribel, Wis.
Tanzijus, Gus K.,	Decatur

—19

Elementary

Albert, Vona,	Warrensburg
Armstrong, Frances,	Decatur

Bonifield, Alice,	Decatur
Clapper, Frances,	Moweaqua
Cooper, Dorothy,	Decatur
Cowen, Nira E.,	Harristown
Dallas, Naomi,	Cisco
Dooley, William,	Decatur
Doyle, Blanch G.,	Decatur
Houran, Claire,	Decatur
Martin, Charles,	Decatur
Myers, Velma,	Decatur
O'Hara, Howard,	Decatur
Parker, Bell Helena,	Decatur
Quickel, Claude,	Decatur
Robertson, Louzetta,	Decatur
Ryan, Helen,	Decatur
Sensenbaugh, Hervel,	Oakley

—18

Cornet

Baltzley, Mary,	Assumption
Curry, Henry B.,	Beason
Logue, Ernest M.,	Brownstown

—3

Flute

Stagner, Bess,	Stanford
Stokes, Walter,	Maribel, Wis.

—2

Clarinet

Stengel, Leo,	Decatur

—1

Pipe-Organ

Collegiate

Ashby, Lillie,	Decatur
Craig, Gertrude,	Mattoon
Gebhart, Nellie,	Decatur
Rodgers, Norma,	Decatur

—5

Academic

Gilman, Gladys,	Harristown
Jensen, Frieda,	Decatur
Lillich, George,	Latham
McCormick, Veronica,	Ambia, Ind.
Merkle, Lurene,	Mattoon
Otto, Sister,	Decatur
Pickle, Bessie,	Decatur
Shipp, Dona,	Paris

—7

Classes in Theoretic, Scientific and Historic Courses

Summary of students who take regular class work in the subjects indicated, in addition to work in practic music subjects:

Harmony	246
Musical Form and Analysis	12
History of Music	85
Ear Training and Sight Reading	199
Piano Teachers' Training	31
Psychology of Music	9
Public School Music Methods	12
Piano Technic Classes	175
	769

The names which follow are of those who take private lessons or special work in harmony, counterpoint, musical form and analysis.

Barnes, Eleanor,	Decatur
Booth, Melba,	Decatur
Dougherty, John R.,	Decatur
Eddy, Hazel,	Shelbyville
Faith, Nira,	Illiopolis
Fisher, Olive,	Bement
Freeland, Mamie,	Dalton City
Gilman, Gladys,	Harristown
Gross, Julia,	Atwood
Hartrick, Eva,	Decatur
Hunt, Effa,	Decatur
Hunt, Madge,	Decatur
Leach, Nola,	Atwater
Lindsey, Utie R.,	Decatur
May, Fred,	Mt. Zion
McClintock, Lucy,	Lincoln
McDaniel, Lena,	Assumption
Merris, Frances,	Oakley
Miller, Mary Ann,	Decatur
Parker, Lucile,	Midland City
Parker, Lois,	Decatur
Primm, Ethel Mundy,	Hannibal, Mo.
Rogers, Frances,	Findley
Scott, Mignonette,	Mt. Zion
Smith, Mary,	Wheeler
Stamets, Esther,	Springfield
Stewart, Myrtle,	Decatur
Thompson, Ollye,	Water Valley, Ky.
Westervelt, Gretna,	Decatur
Wilkins, Daisy,	Decatur

—30

Piano Teachers' Training Courses

Beck, Xenia,	Windsor
Brown, Cora,	Rosemond
Chambers, Margaret,	New Holland
Corrington, Eula,	Decatur
Dillman, Genevart,	Yale
Doner, Fannie,	Lakewood
Donovan, Everett,	Decatur
Faith, Nira,	Illiopolis
Fitch, Erma,	Greenup
Ford, Hester,	Illiopolis
Gilman, Gladys,	Harristown
Gragg, Mary,	Stonington
Hartrick, Eva,	Decatur
Hawkins, Lena,	Arcola
Hayes, Beatrice,	Odon, Ind.
Hunt, Effa,	Decatur
Leach, Nola,	Atwater
McClintock, Lucy,	Lincoln
McCormick, Veronica,	Ambia, Ind.
Montgomery, Ethel,	Taylorville
Ogg, Lela,	Scottville
Primm, Ethel Mundy,	Hannibal, Mo.
Schroeder, Alma,	Grayville
Smith, Helen,	McNabb
Smith, Mary,	Wheeler
Stoner, Evelyn,	So. England, Iowa
Weatherby, Lucile,	Decatur
Whited, Chloe,	Rapatee
Wikoff, Ethel,	Maroa
Williams, Luile,	Decatur
Wood, Florence,	Lake City, Mich.

—31

Public School Music Methods

Bear, Geraldean,	Decatur
East, Winifred,	Cerro Gordo
Gilman, Gladys,	Harristown
Hill, Bernice,	Monticello
Knisley, Sara,	Virginia
Leach, Nola,	Atwater
McClenahan, June,	Forrest
Merris, Frances,	Macon
Munch, Adah,	Weldon
Schroeder, Alma,	Grayville
Shipp, Dona,	Paris
Smith, Mary,	Wheeler

—12

SUMMARY OF ATTENDANCE

College:							
Post Graduates							
Candidates for Degrees				4			
Not Candidates for Degrees				9	13		
Seniors					33		
Juniors					56		
Sophomores					84		
Freshmen					151		
Specials							
Chemistry				1			
Commerce and Finance				4			
Domestic Art				5			
Domestic Economy				3			
Domestic Science				3			
English				11			
Fine and Applied Arts				7			
Keramics				7			
Manual Training				2			
Mathematics				1			
Modern Languages				2			
Pedagogy				1			
Public Speaking				1	48		
						385	
Academy:							
Fourth Year					38		
Third Year					40		
Second Year					19		
First Year					16		
Specials							
Apprentice				3			
Commerce and Finance				7			
Domestic Art				2			
Domestic Science				1			
Engineering				1			
English				3			
Fine and Applied Arts				6			
Keramics				7			
Manual Training				3			
Pedagogy				1			
Public Speaking				2	36		
						149	
							534
Conservatory of Music:							
Practic Courses							
Private							
Piano	*5	*181	*164	*160	510		
Piano Technic Specials			27		27		
Voice	1	44	127		172		
Vocal Diction		1			1		
Violin		14	19	18	51		
Pipe-Organ		4	8		12		
Cornet			3		3		
Flute			2		2		
Clarinet			1		1		
						779	
Class							
Choral					57		
Orchestral					12		
						69	
Theoretic, Scientific, Historic, Public School Music, and Teachers' Training Courses							
Private					30		
Class					769		
						799	
						1647	
Less Duplicates Choral, Orchestral, Theoretical, etc.						946	
							701
							1235
Less enrolled also in Conservatory of Music							107
Total Enrollment							1128

*Graduate, Collegiate, Academic and Elementary courses respectively.

THE ALUMNI

NOTE.—The graduates of the institution will confer a favor on us by promptly notifying the office of changes in their location or business.

Officers of the Association

R. Zink Sanders, President, Decatur, Ill.
Ada E. Lindsay, Vice President, Decatur, Ill.
Daisy Payne Young, Secretary and Treasurer, Decatur, Ill.

Class of 1904

Robert W. Keeton, B.S. with Pedagogy, Adjunct Professor Physiology, Albany Medical College, Albany, N. Y.
Edward L. King, A.B. (See Class of 1905.)
Florence L. Lyon, B.S. with Pedagogy, Teacher English, High School, Kankakee, Ill.

Class of 1905

Golda Mae Atlass, A.B., (Mrs. Isadore A. Wallins) Decatur, Ill.
Alice A. Baker, A.B., (Mrs. Forrest File), Decatur, Ill.
Emma L. Baker, B.S., with Pedagogy, Instructor Keramics, Decatur College and Industrial School.
Edward L. King, B.S. with Pedagogy, Principal High School, Macomb, Ill.
Ada Emilie Lindsay, A.B., Secretary Conservatory of Music, Decatur College and Industrial School.
Lucy W. Penhallegon, B.S. with Pedagogy, (Mrs. O. C. Montgomery) Los Angeles, Cal.
Charles F. Record, A.B., Pastor Presbyterian Church, Centralia, Ill.
John F. Schudel, A.B., Laundry Business, Decatur, Ill.
Iva M. Still, A.B., Decatur, Ill.

Class of 1906

Ralph S. Bauer, A.M., Professor Latin, College of Montana, Deer Lodge, Mon.
Anne Morris Boyd, A.B. with Library Science, Librarian, Decatur College and Industrial School.
Earle Ruskin Bryant, A. B. (See Class of 1910.)
Estella Esther Bryant, A.B. with Library Science, Assistant Pastor, Second Presbyterian Church, Decatur, Ill.
Ella M. Cockrell, B.S. with Pedagogy. (See Class of 1907.)
E. W. Doran, A.M. with Pedagogy, Professor of Biology, State Agricultural School, Magnolia, Ark.
Florence M. Jones, A.B., (Mrs. C. P. Summers) Springfield, Ill.
William Ray McGaughey, A. B., Cashier Mt. Zion Bank, Mt. Zion, Ill.
Trenna June Miller, A.B., (Mrs. George G. Taylor) Highland Park, Ill.
James David Moses, B.S. in Commerce and Finance, Lumber Business, Emporia, Kans.
Anna Belle Uhler, A.B., Teacher, Arcola, Ill.
John George Wozencraft, A.B., Pastor Presbyterian Church, Walthill, Neb.
Ethel Margaret Yanders, A.B., (Mrs. Ralph Foster) Teacher Latin, High School, Newark, Ohio.

Class of 1907

Ellis Edwin Bankson, B.S. in Civil Engineering, Lecturer Civil Engineering, University of Manitoba, Winnipeg, Canada.
Orris Bennett, B.S. in Commerce and Finance, Student Cincinnati Law School, Cincinnati, Ohio.
A. Keach Bone, A.B., Principal Rock Creek School, Petersburg, Ill.
M. Ethel Bumgarner, A.B., (Mrs. Ralph Mills) Seoul, Korea.
Isabel Bumgarner, A.B., (Mrs. Verne R. Ross) Covina, Cal.
Ella May Cockrell, A.M., Teacher Latin and English, High School, Prophetstown, Ill.
Junius Earl Dappert, B.S. in Electrical Engineering, Manager Middle West Utilities Co., Coalgate, Okla.
John Wesley Davidson, B.S. in Civil Engineering, Civil Engineer, Harrison, Ark.
Jessie Maude DePuy, B.S. with Pedagogy, Raven, Ill.
Ida Odessa Diller, A.B., (Mrs. Charles F. Record) Centralia, Ill.
Jessie Lavina Ferguson, A.B. with Library Science, Librarian, Ferry Hall, Lake Forest, Ill.

Ella Hope Finfrock, A.B. (See Class of 1908.)
Irene Handlin, B.S. in Fine and Applied Arts, Instructor Fine and Applied Arts, Decatur College and Industrial School.
Harry N. Humphrey, A.B., Merchant, LeRoy, Ill.
Lulu Lillian Laughlin, A.B. (See Class of 1908.)
Jessie Florence Lichtenberger, A.B., Teacher Latin and History, High School, Auburn, Wash.
Davida McCaslin, B.S. with Pedagogy, Instructor English, Decatur College and Industrial School.
Horace Wilson McDavid, A.B., Lawyer, Decatur, Ill.
Anna Dora Magill, A.B., (Mrs. I. L. Sears) Waverly, Ill.
Hallie May Miller, A.B., Principal High School, Rugby, N. D.
Judith Belle Mills, A.B., (Mrs. Keach Bone) Petersburg, Ill.
Josiah Arthur Moore, B.S. in Commerce and Finance, Special Agent U. S. General Land Office, Seattle, Wash.
Edgar D. Morrow, A.B., Farmer and Stock Raiser, Newman, Ill.
Ray Oliphant, B.S. in Electrical Engineering, with General Electric Co., Chicago, Ill.
Elsa M. Olsen, A.B., (Mrs. Lester Barry) Ventura, Cal.
Charles Bertram Padon, B.S., in Electrical Engineering, with Westinghouse Electric Co., Chicago, Ill.
Letha Bayhan Patterson, A.B., Proof Reader, Review Publishing Co., Decatur, Ill.
Daisy Venita Payne, A.B., (Mrs. Dwight L. Young) Decatur, Ill.
Mary Leslie Poor, A.B., (Mrs. Crawford Smith) Louisville, Ky.
H. Guy Porter, B.S. in Electrical Engineering, Deputy Meter Inspector, Kansas City, Mo.
Charles Arthur Post, B.S. in Commerce and Finance, Wholesale Grocery Business, Des Moines, Iowa.
Minnie Redmon, A.B., Teacher Science, High School, Centralia, Ill.
Robert Zink Sanders, A.B., Physician, Decatur, Ill.
Helen Lovica Stone, B.S. in Domestic Economy, (Mrs. J. C. Wilson) Milwaukee, Wis.
Casca Brown Whitehouse, A.B., Superintendent Schools, Augusta, Ill.
Kent Williamson, A.B., Banking Business, Bethany, Ill.
Edgar J. Witzemann, A.B., Chemist, Otho S. A. Sprague Memorial Institute, Chicago, Ill.

Class of 1908

Ruth Bicknell, A.B., (Mrs. Edgar Walker) Decatur, Ill.
Bonnie R. Blackburn, A.B., Instructor English and German, Decatur College and Industrial School.
Eugene Starr Cole, B.S. in Commerce and Finance, Assistant Auditor, Illinois Traction Co., Champaign, Ill.
Lulalou DeGroat, A.B., Teacher Public Schools, Decatur, Ill.
Bertha E. Eaton, A.B. (See Class of 1909.)
Frances Fell, A.B., Teacher English and Latin, High School, Rockford, Ill.
Ella Hope Finfrock, A.M., Teacher German, etc., High School, Houston Heights, Texas.
Cyrus Hersell Hoggatt, B.S. in Commerce and Finance, Teacher Commercial Subjects, Central Y. M. C. A., Pittsburgh. Pa.
Jacob Ray Kirk, B.S. in Electrical Engineering, Superintendent Electric Light Plant, Pryor, Okla.
Lottie A. Lamb, A.B., (Mrs. H. Guy Porter) Kansas City, Mo.
Lulu Lillian Laughlin, A.M., (Mrs. Edgar J. Witzemann) Chicago, Ill.
Philip A. Lehenbauer, B.S. with Pedagogy. (See Class of 1909.)
Ansell O. Magill, A.B., Student Bennett School of Medicine, Chicago, Ill.
Masuji Matsumoto, B.S. in Commerce and Finance, Brokerage Business, Tokio, Japan.
Jessie Reeves Penhallegon, A.M., (Mrs. Harry Crea) Ft. Benjamin Harrison, Indianapolis, Ind.
Verne R. Ross, A.B., Teacher Chemistry, High School, Covina, Cal.
Hiram M. Shumway, B.S. in Commerce and Finance, Merchant, Taylorville, Ill.
G. Ellen Stone, A.B., Morganfield, Ky.
Katherine M. Trautman, B.S. in Domestic Economy, Teacher Domestic Science, Public Schools, Decatur, Ill.
Arthur VanCleve, A.B., Lawyer, Decatur, Ill.

Class of 1909

Erma Clark Anderson, B.S. in Fine and Applied Arts, Decatur, Ill.
Goldia Atherton, B.S. in Fine and Applied Arts, Teacher History and Drawing, High School, Lovington, Ill.
William Hail Banfill, A.B., Chicago, Ill.
Herbert O. Barnes, A.B., Teacher Mathematics, High School, Springfield, Ill.
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Hubert Kershaw Davenport, B.S. in Civil Engineering, Fruit Grower, Hood River, Ore.
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Philip Augustus Lehenbauer, A.M., Assistant in Plant Physiology, University of Illinois, Urbana, Ill.
Cora Irene Leiby, B.S. in Domestic Economy, Teacher Domestic Economy, College of Montana, Deer Lodge, Mont.
Fredric Talley McGee, A.B., Newspaper and Magazine Writer, Oklahoma City, Okla.
Carleton F. Mattes, B.S. in Commerce and Finance, Wallender-Wilder-Mattes Co., Decatur, Ill.
Frank Clifford Miller, B.S. in Mechanical Engineering, Instructor Mechanical Engineering, Montana State College, Bozeman, Mont.
Helen Elizabeth Mills, A.B. (See Class of 1912.)
Dorothy Ann Pyatt, A.B., (Mrs. Kent Williamson) Bethany, Ill.
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Norman J. Sansom, B.S. in Commerce and Finance, with Freeport Buggy Co., Freeport, Ill.
John Lee Scott, A.B., Teacher Mathematics, High School, Springfield, Ill.
Emma Pearl Shore, A.B., Chandlerville, Ill.
Irene Elizabeth Staley, Teacher English, High School, Morris, Ill.
Ruth Amanda Stevens, B.S. in Domestic Economy. (See Class of 1910.)
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Joel B. Williamson, A.B., Timber Business, Opelousas, La.

Class of 1910

Cecile Allentharp, B.S. with Library Science, Teacher, Tie Siding, Wyo.
Bessie Armstrong, B.S. in Domestic Economy, Assistant in Domestic Economy, Western State Normal School, Hays, Kans.
Wesley Kenneth Bone, A.B., Farmer, Petersburg, Ill.
Bounita Boyd, A.B., Teacher Latin and English, High School, Bement, Ill.
Lucile Margaret Bragg, A.M., Recorder and Instructor Latin, Decatur College and Industrial School.

Earle R. Bryant, A.M., Professor Biology, Muskingum College, New Concord, Ohio.
Cora Steele Cockrum, A.B., King City, Mo.
Cecil Cox, B.S. in Commerce and Finance, Traveling Salesman, West Paper Co., Decatur, Ill.
Everett Lawrence Dickey, A.B., Principal Schools, Murdock, Ill.
Clarence Hubert Flegel, B.S. in Commerce and Finance, Student Law School, University of Michigan, Ann Arbor, Mich.
Blanche Good, A.B., Teacher German and History, High School, Tuscola, Ill.
Roy M. Hamilton, B.S. in Commerce and Finance, Ranchman, Twin Falls, Idaho.
Everett Hodge, B.S. in Commerce and Finance, with Millikin National Bank, Decatur, Ill.
Mrs. Zuba Earle James, B.S. in Domestic Economy, Teacher Domestic Economy, High School, Merrill, Wis.
Ralph E. Jones, B.S. in Electrical Engineering, Heyworth, Ill.
John Rambo Lyons, A.B., Student Union Theological Seminary, New York, N. Y.
Philip Henry McGrath, A.B., Student Law School, Loyola University, Chicago, Ill.
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Edgar David Nitchals, B.S. in Electrical Engineering, Engineer, Y. M. C. A., Kansas City, Mo.
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Edith Margaret Potts, A.B. (See Class of 1912.)
Ethel Rogers, A.B., (Mrs. Arthur O'Keefe) Springfield, Ill.
Edward W. Ross, B.S. in Commerce and Finance, with Leader Iron Works, New York, N. Y.
Flora Emma Ross, A.B., Teacher German, High School, Muscatine, Iowa.
Maurice Stanley Sly, A.B., with Irwin Neisler & Co., Pharmaceutical Chemists, Decatur, Ill.
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Lloyd Scott Wallace, B.S. in Electrical Engineering, with Ft. Wayne Electric Co., Ft. Wayne, Ind.
Paul S. Welsh, A.B., Fellow in Zoology, University of Illinois, Urbana, Ill.
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Della Ford Wilson, B.S. in Fine and Applied Arts, Teacher Pottery, Public Schools, Decatur, Ill.

Class of 1911

Viola M. Bell, B.S. in Domestic Economy, Teacher Domestic Science, Public Schools, Pana, Ill.
Edith Ward Bowyer, A.B., Springfield, Ill.
Leo R. Brown, B.S. in Commerce and Finance, Timekeeper, Springfield Division, Wabash Railroad, Springfield, Ill.
Bertie H. Buck, B.S. in Civil Engineering, Civil Engineer, M. & P. R. R., Loper, Ala.
Mary Ellen Carroll, A.B., Teacher Public Schools, Decatur, Ill.
Ilda Josephine Dearth, B.S. with Library Science, Decatur, Ill.
Bessie A. Gilman, B.S. with Library Science, Warrensburg, Ill.
Harry Fielding Hadley, A.B., Lecture Assistant in Chemistry, University of Illinois, Urbana, Ill.
Clarence E. Hall, B.S. in Commerce and Finance, with Hall Bros. Clothiers, Decatur, Ill.
Blanche Hamilton, B.S. with Library Science, (Mrs. Frank Housman) Twin Falls, Idaho.
Jesse Harold Hampton, A.B., Advertising Solicitor, Decatur Review, Decatur, Ill.
Carl I. Head, B.S. in Mechanical Engineering, Instructor Mechanical Drawing, Michigan Agricultural College, East Lansing, Mich.
Alice Pryor Henderson, A.B., Teacher Public Schools, Decatur, Ill.
Ellis Herndon Hudson, A.B., Teacher Syrian Protestant College, Beirut, Syria.
Cleo Lichtenberger, B.S. with Library Science, Librarian Delos F. Diggins Library, Harvard, Ill.
James M. Lively, A.B., Pastor Baptist Church, Dundee, Ill., and Graduate Student University of Chicago.
Lucile Logan, A.B., Bethany, Ill.
Ben McCrum, B.S. in Civil Engineering, Engineering Department, Wabash Railroad, St. Louis, Mo.
Everett Baird McClelland, B.S. in Commerce and Finance, Farmer, Moweaqua, Ill.
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Pearl Emily Tippett, A.B., Teacher Public Schools, East Chicago, Ind.
Dean Moorman Veirs, B.S. in Civil Engineering, Civil Engineer, Great Northern R. R., St. Paul, Minn.
Jennie Marguerite Votaw, A.B., Student Nurse, Michael Reese Hospital, Chicago, Ill.
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Class of 1912

Edgar H. Allen, B.S. in Commerce and Finance, Clerk Recorder's Office, Decatur, Ill.
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Mary Madge Blake, B.S. in Domestic Economy, (Mrs. Robert A. Miller) Decatur, Ill.
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Corinne Painter Holcomb, A.B., Pasadena, Cal.
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Mial Elias Lamb, B.S. in Civil Engineering, with Vincennes Bridge Co., Vincennes, Ind.
Mary Elizabeth McKennan, A.B., (Mrs. W. A. Reynolds) Decatur, Ill.
Jewel May, A.B., Teacher Public Schools, Decatur, Ill.
Margaret Josephine Miller, A.B., Decatur, Ill.
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Mildred Hitchcock Montgomery, B.S. in Fine and Applied Arts, Decatur, Ill.
Leon Goodbrake Myers, A.B., Teacher Mathematics, High School, Savana, Ill.
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Anna Catherine New, A.B., Teacher Mathematics and English, High School, Highland, Ill.

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Rhoda Ferne Parr, A.B., Teacher Latin and German, High School, Stonington, Ill.
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Lena Marie Russell, A.B., Teacher Mathematics, High School, Lovington, Ill.
Margaret Louise Russell, A.B., Graduate Student Decatur College and Industrial School.
Mary Edna Scott, A.B., Teacher Public Schools, Springfield, Ill.
Mary Lois Scott, A.B., Portland, Ore.
Dorothy Josephine Shade, A.B., Graduate Student Decatur College and Industrial School.
Susan Mildred Shipp, B.S. in Fine and Applied Arts, A.M., Teacher Public Schools, Paris, Ill.
Edgar Foster Stevens, B.S. in Electrical Engineering, with Peoria Gas and Electric Co., Peoria, Ill.
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Iva Ingersoll Wasson, A.B., Teacher Rural School, Argenta, Ill.
Roy A. Wentz, B.S. in Electrical Engineering, Teacher Mathematics and Director of Athletics, High School, Taylorville, Ill.
Harvey Aden Wood, B.S. in Electrical Engineering, with Central Illinois Public Service Co., Macomb, Ill.
Grover Walter Yoder, B.S. in Commerce and Finance, with E-Z Opener Bag Co., Decatur, Ill.
Roger Young, A.B., with Barbey & Cooper, Decatur, Ill.

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CATALOG NUMBER

The
James Millikin University Bulletin

DECATUR COLLEGE

1913-1914

With Announcements for 1914-1915

1901

Published by

THE UNIVERSITY

at

DECATUR, ILLINOIS

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450

College Calendar For 1914-1915

FIRST SEMESTER

The First Semester opens Monday, September 14, 1914.

Registration Days, Monday and Tuesday, September 14 and 15.

Second Half, First Semester, begins November 16.

Thanksgiving Vacation includes Thursday, Friday and Saturday, November 26, 27 and 28.

Inter-Society Contest, December 11.

Holiday Recess includes December 20 and January 3.

Millikin Club Contest in Oratory, and Contest in Dramatic Art, January 8, 1915.

Semester Examinations, Tuesday, Wednesday, Thursday, Friday, and Saturday, January 26-30, 1915.

SECOND SEMESTER

Registration Days, Monday and Tuesday, February 1 and 2, 1915.

Brown Debate and Brownback Story Contest, Friday, February 5.

Tri-Collegiate Debate Contest, Friday, April 19.

Second Half, Second Semester, begins Tuesday, April 6.

Easter Vacation, Thursday, Friday, Saturday, and Monday, April 1-5.

Freshman Debate, Friday, May 7.

Founder's Day, May 13.

Semester Examinations, Monday, Tuesday, Wednesday, Thursday, and Friday, June 7, 8, 9, 10, and 11.

Annual Exhibit, Technical and Scientific Departments, June 11, afternoon and evening.

Graduating Exercises of the Academy, June 12, morning.

Annual Entertainment in Dramatic Art, June 12, evening.

Baccalaureate Sermon, Sunday, June 13, morning.

Field Day, Monday, June 14.

Class Day, Monday, June 14.

Annual Concert, School of Music, June 14, evening.

Commencement Address and Awarding Degrees, Tuesday, June 15.

Graduating Exercises of the College, at 9:30 a. m.

Alumni Reception and Luncheon, at noon.

The James Millikin University Bulletin

DECATUR COLLEGE AND INDUSTRIAL SCHOOL

VOLUME XI DECATUR, ILL., MAY, 1914 NUMBER 4

TABLE OF CONTENTS

- Academy
  - Conditions of Admission...... 60
  - Courses 60
  - Organization 60
- Admission, College 8, 9
- Advanced Standing 9, 13
- Agriculture, Six Weeks' Course in 50
- Alumni Addresses 75
- Aston Hall 10
- Athletics 15, 30
- Attendance, Summary of........ 75
- Bible Study 12
  - Academy 64
  - College 28
- Board of Managers............ 4
- Board of Trustees............ 4
- Boarding 12
- Calendar 2
- Campus 11
- Certificates
  - Apprentice 33
  - Child Culture 48
  - Domestic Economy 37
  - Education 44–47
  - Fine and Applied Arts........ 38
  - Manual Training 49
  - Manual Training, Athletics.... 30
  - Music 52
- Chapel Attendance 15
- China Painting 40
- Church Attendance 12
- Collaterals 15
- College, Organization of........ 4, 8
- Concerts 54
- Conservatory of Music.......... 51
- Contests 15
- Courses of Study
  - Applied Arts 38, 66
  - Commerce, Finance 41, 66
  - Domestic Economy
    - Domestic Art 35, 65
    - Domestic Science 35, 65
  - Education 43–47
  - Electives, Rules 13, 16
- Courses of Study (Continued)
  - Engineering
    - Apprenticeships 33
    - Civil 33
    - Electrical 32
    - Mechanical 32
  - Fine Arts 39
  - Keramics 40
  - Liberal Arts 16
  - Library Science 24
  - Manual Training 49, 65
  - Music 51
  - Physical Training 30, 65
- Credits 13
- Degrees
  - Bachelor's 8, 16, 35, 38, 41, 44, 53
  - Master's 14
- Departments of
  - Biblical History and Literature 28, 64
  - Biology 18, 64
  - Chemistry 28, 64
  - Domestic Art 35, 65
  - Domestic Science 35, 65
  - English Composition 20, 62
  - English Literature 22, 62
  - History and Political Science..26, 64
  - Latin and Greek.............20, 62
  - Library Science 24
  - Manual Training 49, 65
  - Mathematics 25, 62
  - Modern Language 26, 62
  - Music Teaching 54
  - Philosophy 44
  - Physical Training 30
  - Physics 28, 64
  - Public Speaking 22
  - Vocal Expression 22
- Diplomas in Music............ 52
- Dormitory (see Aston Hall)..... 10
- Drawing 39, 66
- Equipment 11
- Examination and Standing...... 14
- Expenses 12
- Faculty, List of............... 5
- Fees 11, 12
  - Academy 11
  - Aston Hall 11
  - College 11
  - Conservatory of Music........ 55
  - Keramics 40
  - Laboratory 11
- Fellowships 12
- General Information 10
- Government 14
- Graduate Courses 9, 14
- Hughey School of Child Culture.. 48
- Intercollegiate Contests 15
- Keramics 40
- Library 11
- Manual Training 49
- Matriculation 14
- Memoranda in General.......... 14
- Outside Organizations 15
- Outside Work 15
- Physical Training 30
- Prizes 13
- Publications 15
- Purpose of The College......... 4
- Recitals 54
- Regulations (see Memoranda).... 14
- Religious Education 46
- Required Hours 14
- Rooms 12
- Scholastic Honors 13
- Schools of
  - Commerce and Finance....... 41
  - Domestic Economy 35
  - Education 43
  - Engineering 32
  - Fine and Applied Arts....... 38
  - Liberal Arts 16
  - Music (Conservatory) 51
- Societies 12
- Students, List of............... 67
- Student Organizations 12
- Teachers' Training Classes (see Departments and Education)
- Theses 14

HISTORY AND ORGANIZATION

On May 13, 1900, Mr. James Millikin made a formal proposition to establish an institution of learning in the city of Decatur, Illinois, under conditions which were met early in the following year by the citizens of Decatur and the Synods of Indiana, Illinois and Iowa of the Cumberland Presbyterian Church. After some negotiations the charter of Lincoln University, Illinois, was amended, April 30, 1901, so as to provide that its name should change to Lincoln College and that it, together with the proposed Decatur College and Industrial School, should constitute The James Millikin University as its legal successor, with the provision that each college should be governed by a local Board of Managers appointed by the Board of Trustees, in conjunction with the President of the University.

As the Cumberland Presbyterian Church has united with the Presbyterian Church, U. S. A., both colleges are now under the general supervision of the Synods of Illinois, Indiana and Iowa, in so far as the appointment of Trustees is concerned.

The control exercised by the local Board of Managers and the Administration of the College is non-sectarian.

The first group of four buildings at Decatur was dedicated on June 4, 1903, the dedicatory address being delivered by President Theodore Roosevelt. The College opened on September 15, 1903. The total enrollment for the year was 712. This has steadily grown, and three additional buildings have been erected.

In accordance with the desire of its founder, the Decatur College and Industrial School organized with a view to provide instruction not only in the usual academic and collegiate subjects, but also as far as possible, in those industrial, technical, commercial and art lines for which there is now such urgent demand. It was his purpose to establish an institution of learning where, at the least possible expense, all classes of young men and women might secure an education that would fit them for entering at once and successfully upon some honorable vocation in life.

The organization includes (1) the Academy or Preparatory School, with the usual preparatory courses and a generous line of electives for those who wish to take instruction in manual training, in the industrial arts, etc.; (2) the College, which offers courses in the liberal arts, engineering, fine arts, domestic economy, music, commerce and finance, education and library science.

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R. L. VanNice, Waukon, Iowa.

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Vice President—T. T. Roberts, Decatur.
Secretary—S. E. Walker, Decatur.
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J. K. McDavid, Hillsboro.
T. A. Powers, Decatur.
Adolph Mueller, Decatur.
Luther F. Martin, Decatur.
E. P. Irving, Decatur.
Geo. E. Fellows, ex-officio, Decatur.

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Grounds—T. A. Powers.
Curriculum—Luther F. Martin.
Insurance—Adolph Mueller.
Buildings and Plans—S. E. Walker.
Teachers—E. P. Irving

THE FACULTY

George Emory Fellows, President.—Lawrence University, A.B.; University of Berne, Ph.D. 1890; Lawrence University, L.H.D. 1902; Bowdoin College, LL.D. 1902; Professor of European History, Indiana University, 1891-5; Assistant Professor of History, University of Chicago, 1895-1902; President of University of Maine, 1902-1911.

Thomas W. Galloway, Secretary of the Faculty, Biology.—Cumberland University, A.B. 1887; A.M. 1889, Ph.D. 1892; Harvard University, A.M. 1890; Natural History Sciences, Baird College, Mo., 1887-1889; Professor Biology, Missouri Valley College, 1889-1902, Dean (ibid.) 1898-1902.

Albert T. Mills, History and Political Science.—State Normal School of Kansas, 1893, also 1896; University of Michigan, Ph.B. 1899, A.M. 1908; University of Chicago, Graduate Student, 1899; Lincoln and Jefferson University, LL.B., 1912; Assistant Model Department Kansas State Normal School, 1895-1896; Instructor and Professor of History and Civil Government, North Dakota State Agricultural College, 1899-1903.

Robert J. Kellogg, Modern Languages.—Cornell University, A.B. 1891, Ph.D. 1896; Fellow in Comparative Philology, 1892-1893; Teacher Languages, Cascadilla School, 1891-1893; Ithaca High School, 1895-1896; Instructor in Greek, Colgate Academy, 1896-1897; Professor of Greek, Richmond, Virginia, College, 1897-1901; Instructor in Modern Languages, Jones Summer School, 1895-1896 and 1898-1903.

Grace Patten Conant, English Language and Literature.—Bates College, A.B., Cornell Univ., A.M., 1897; Fellow in English, Cornell and University of Chicago, 1898 and 1899, respectively; Instructor in English, Vermont Academy, 1896, and The Woman's College of Baltimore, 1900; Associate Professor English, (ibid.) 1901-1904; Professor of English, Western College, Ohio, 1905-1906.

Benjamin B. James, Principal of the Academy, Physics.—Northwestern University, A.M. 1884; N. W. University and University of Chicago, post-graduate work, 1893-1894 and 1899-1901; Principal high school and teacher of Physics, Evanston and Joliet; Professor of Physics, Racine College and State Normal School, St. Cloud, Minn.

Lorell M. Cole, Manual Training.—Colby High School, 1889; Stout Manual Training School for Teachers, full course, 1906; Teacher in Wisconsin Graded and High Schools, 1889-1901; Assistant Stout Manual Training School, 1901-1902; Director of Manual Training, Dunn County School of Agriculture, 1902-1906.

John C. Hessler, Chemistry.—University of Chicago, A.B. 1896; University of Chicago, Ph.D. 1899; Instructor in Science, Lake High School, Chicago, 1890-1892; Instructor in Chemistry, Hyde Park High School, Chicago, 1892-1899; Instructor in Chemistry, University of Chicago, 1899-1907.

William Wilberforce Smith, Commerce and Finance.—Lafayette College, A.B. 1880; A.M. 1883; LL.D. 1905; Post-graduate studies and teaching, 1881-1884; Headmaster, Englewood (N. J.) School for Boys, 1885-1895; Headmaster, Berkeley School, New York City, 1904-1905; President Coe College and Professor of Economics and Sociology, Cedar Rapids, Iowa, 1905-1908. In business eight years.

Theopile James Meek, Biblical History and Literature.—University of Toronto, A.B. 1903; Graduate student, University of Toronto and Knox College, Toronto, 1903-1904; The McCormick Theological Seminary, 1904-1906; Nettie F. McCormick Traveling Fellow in Hebrew, 1906-1908; University of Marburg, 1906; University of Berlin, 1906-1908; American School of Oriental Study and Research, Jerusalem, 1908; McCormick Theological Seminary, B.D. 1909.

Walter J. Risley, Mathematics.—University of Michigan, B.S. 1900; University of Illinois, A.M. 1907; Harvard University, A.M. 1908; Instructor in Mathematics and Physics, Joliet Township High School, 1900-1903; Instructor in Mathematics, Armour Institute of Technology, 1903-1905; University of Illinois, 1905-1907, and Harvard University, 1909-1910.

James Newton Ashmore, Director of Physical Training.—Lincoln (Ill.) College, 1899-1902; University of Illinois special course in physical training, 1902-1903; Y. M. C. A. Summer School for Physical Directors, 1901; Physical Director, Washington State College, 1903-1904; The James Millikin University, Decatur, 1904-1907; and Western Maryland College, 1907-1909.

Isabella T. Machan, Latin and Greek.—Wellesley College, A.B. 1887; Columbia University, 1902; Wellesley College, A.M. 1905; Teacher Ancient Languages, Franklin School, 1888-1889; Preceptress Hebron Academy, 1889-1898, Ancient Languages and History.

Mabel Dunlap, Domestic Art.—Ohio Normal School and Oswego State Normal School, 1903; Columbia University, diploma in Domestic Art, 1906; B.S. 1908; Instructor primary schools three years; Instructor and supervisor North Bennett Industrial School, Boston, 1908-1911.

Edna L. Skinner, Domestic Science.—Michigan State Normal College, diploma, 1901; Teachers' College, Columbia University, B.S. 1908; Teacher and Principal, Woodruff School, Ypsilanti, Michigan, 1901-1903; Instructor in Domestic Science, Teachers' College, 1908-1912.

William M. Hekking, School of Fine and Applied Arts.—Syracuse University, B.P. 1908; Ecole des Beaux Arts, Colarossi, Julian, Pupil of Jean Paul Laurens, Paris; Art Students' League, New York; Winner Hiram Gee Fellowship in Painting, Syracuse, 1908; A.S.L. Scholarship 1908; Atalier Prize, Julian 1909; John Wanamaker Prize 1912; Instructor of Drawing and Illustration, Syracuse, 1911-1912.

Fletcher A. Gould, Civil Engineering.—Michigan Agricultural College, B.S. in C.E., 1907; Post-graduate work at University of Michigan, 1907-1908; Civil Engineer at Owasso, Michigan, 1908-1909; Instructor and Assistant Professor in Civil Engineering, Oregon Agricultural College, Corvallis, 1909-1912.

John E. Rouse, Education.—Warrensburg (Mo.) State Normal School, B.S.D., 1891; Lincoln (Ill.) College, A.B., 1894; University of Kansas, A.M., 1896; Harvard University, A.M., 1901, Ph.D., 1912; Physiology, Harvard Medical School, 1912-1913; Universities of Berlin and Leipzig, 1910-1911, and Jena, 1912. Instructor in Philosophy and Education, Dartmouth College, 1907; Instructor in Philosophy, James Millikin University, 1908-1910.

Beverly B. Burling, Electrical Engineering.—University of Wisconsin, B.S. in E.E. 1906; Electro-Chemical Engineer, Gould Storage Battery Co., Depew, N. Y., 1907-1909; Private research Electrochemical Laboratory, Waukegan, Ill., 1910; Research Work, University of Wisconsin, 1911-1913; Superintendent French Battery and Carbon Co., Madison, Wis., 1911-1913.

Howard G. Seldomridge, Public Speaking.—Graduate, School of Expression, Boston, 1902; Diploma in Philosophy of Teaching, 1903; Lecturer, The McConnell Lyceum Bureau, 1903-04; Instructor in the School of Expression, Boston, 1904-06; Special Student, Harvard University, 1905-06; Instructor in Public Speaking, The Oklahoma State Agricultural and Mechanical College, 1907-1913.

Lillian Merrill Walker, Dean of Aston Hall.—Oxford College, A.B. 1888; Dean of Holden Hall, Wooster University, 1907-1912.

Calvert W. Dyer, Secretary and Auditor.—Cumberland University, A.B. 1900; Lockyear's Business College, Indiana, 1902; Instructor Commerce and Finance, Millikin University, 1903-1911.

Davida McCaslin, Associate Professor of English.—Coe College, A.B. 1904; Harvard Summer School, 1906; Teacher public schools, 1904-1906; Fellow in English, The James Millikin University, 1907; B.S. with Pedagogy, The James Millikin University, 1907; University of Minnesota, A.M. 1912.

Frederick Juchhoff, Associate Professor of Commerce and Finance.—Kansas City University, Ph.B. 1906; Ph.D., 1912; Univ. of Me., LL.M. 1913; Northwestern, School of Commerce, 1911-12; Instructor in Commerce and German, Soule College, 1903-4; Instructor in Commerce and Political Science, Berea College, 1906-7-8; Head of Commercial Department, J. Sterling Morton High School, Chicago, 1910-11-12; Public Accountant, Chicago, 1912-13.

Henry Clay Stanley, Assistant Professor Commerce and Finance.—Fairfield College B.Acct., 1889; M.Acct., 1896; Peru State Normal (Nebr.), 1899-1900; Principal Harvard High School, 1896-1897; Principal Edgar High School (Nebr.), 1897-1899; Government School, 1900-1902; Principal of Brandrup and Nettleton's School of Business, 1903-1905; Whitmore's University of Business, 1905-1906.

Philip E. Douglass, Assistant Professor of Romance Languages.—Harvard, A. B. 1912; Assistant Anglais, Lycée Banville, Moulins-sur-Allier, France, 1912-13.

Emma L. Baker, Instructor in Keramics.—Lincoln University, B.S. 1900; The James Millikin University, B.S. with Pedagogy, 1905; Art Institute, Chicago, Summer Term, 1905.

Mollie Grubel, Instructor for Women, Physical Training.—Illinois State Normal University, 1897-1898; University of Wisconsin, Summer Term, 1902; Harvard University, physical training courses, 1903 and 1904; Chautauqua School of Physical Training, 1907; Teacher Decatur Public Schools and private gymnasium classes, 1899-1906; Physical Director, Decatur Y. W. C. A., 1906-1907.

Lucile M. Bragg, Recorder and Instructor in Latin and Greek.—The James Millikin University, A.B. 1909; A.M. 1910; Fellow in Ancient Languages, The James Millikin University, 1910.

Elizabeth W. Putnam, Instructor in Fine and Applied Arts.—Graduate of The Chicago Art Institute, 1907; Summer School, Chicago Art Institute, 1909, 1910, 1912; School of Painting at Saugatuck, Mich., Summer School, 1911; Practical Experience, The Roycrofters, East Aurora, N. Y., 1908; Instructor, Art Institute, Chicago, 1907, and Summer School 1909, 1910, 1912; Instructor Department of Architecture and Drawing, Kansas State Agricultural College, 1908-1910; Instructor Drawing, High School, Lawrence, Kansas, 1911-1912.

Lucie H. Snyder, Librarian and Instructor in Library Science.—University of Kansas, A.B. 1909, A.M. 1911; Kansas State Normal, 1905; Librarian, Western Kansas State Normal, 1906; Western Kansas State Normal, 1913.

Charline Fender Wood, Instructor in English.—Western College, A.B., 1905; University of Chicago Summer School, 1913; Teacher in Public Schools, Muncie, Indiana, 1905-1911; Teacher of English, Departmental School, Decatur, 1911-1913.

Caroline S. Lutz, Instructor in English.—James Millikin University, 1907-1909; A.B., Goucher College, 1911; Instructor in German, Millikin University, 1911-12; Instructor in English, Preparatory Branch of West Virginia University, 1912-13.

Harold R. Phalen, Instructor in Mathematics.—Tufts College, B.S. in Mechanical Engineering, 1912.

Fannie E. Hughey, Principal of the Hughey School of Child Culture.—Literary course, Western Seminary; musical course, Ingham University; private pupil of C. S. P. Cary, William H. Sherwood, Hugh A. Clark, Eugene Thayer, Daniel Batchelor; Director of Music, Gordon School, 1884-88; Director Hughey School of Music, 1899-1913.

Fannie Bonner Price, Assistant Principal of the School of Child Culture.—Vocal instruction, Caroni School of Dramatic Art, St. Louis, 1903-6; Berlitz School of Languages, St. Louis, 1907-9.

Hermann H. Kaeuper, Director Conservatory of Music, Professor of Piano Playing.—Cincinnati College of Music, Harmony, Counterpoint, Composition, Orchestration, Piano, Pipe-organ and Violin Playing, with various masters in Cincinnati, Chicago and New York, 1892-1897; Student of Frank Van Der Stucken, et al.; Instructor Cincinnati College of Music, 1896-1897; Director Conservatory of Music, Wittenberg College, Springfield, Ohio, 1897-1902. (On leave of absence.)

Daniel H. Bonus, Assistant Director of the Conservatory and Professor of Violin Playing and Theoretic Branches.—Violin Study with Henry Scheld, Rudolph Berliner, Joseph Ohlheiser and S. E. Jacobsohn; Harmony, Counterpoint and Composition with Louis Falk, Campbell Tipton and Felix Borowski; Singing with Joseph Leach, R. J. Henderson and Nicolo Lentini; Private teacher, Chicago; Professor, Simpson College; President Midwestern Conservatory; Chicago Musical College, B.M., 1905.

William B. Olds, Professor of the Art of Singing and Theoretical Branches.—Beloit College, Beloit, Wisconsin, A.B. 1898; Oberlin Conservatory, Oberlin, Ohio, 1898-1899, 1905; American Conservatory, Chicago, 1899-1900; Singing, Karleton Hackett; Piano Playing, Victor Garwood; Theory and Composition, Adolph Wiedig; student-Assistant in Voice, Harmony, Composition and Piano Playing, American Conservatory, 1899-1900; Professor Voice Culture, Iowa College, Grinnell, Iowa, 1900-1904; Acting Director Grinnell School of Music, 1903-1904; Director Illinois Conservatory of Music, Jacksonville, Illinois, 1904-1906; Private teaching, Jacksonville, Illinois, 1906-1908.

William Erhart Snyder, Professor of Piano Playing and the Art of Teaching Music.—Detroit Conservatory of Music; Sherwood Music School, Chicago; Private piano study with Theodor Leschetizky, Vienna, Austria, and Professor Robert Fuchs, Vienna Imperial Conservatory.

Frederick H. Baker, Associate Professor of Piano Playing.—New England Conservatory of Music; Dr. Louis Maas, Mr. Carl Faelton, Mrs. Thomas Tapper; Royal Conservatory of Music, Leipzig, Germany. (Deceased, January 24, 1914.)

Miner Walden Gallup, Associate Professor of Piano Playing.—Virgil Piano School, New York, 1902; Private Study in Albany, New York, and Berlin, with Dr. Percy J. Starnes, Alberto Jonas and Vernon Spencer.

Ora B. Rogers, Instructor in Piano Playing.—Certificate in Harmony, 1906; Piano Teacher's Certificate, 1907; Certificate in Piano Playing, 1907; Piano Teacher's Diploma, 1908. Millikin Conservatory of Music.

Anna Whitmer McNabb, Instructor in Piano Playing. —Performer's Certificate, 1907; Teacher's Certificate, 1910, and Piano Soloist Diploma, 1913, Millikin Conservatory of Music.

William Everett Donovan, Instructor in Piano Playing. —Certificate in Piano Playing, 1912; Diploma as Piano Soloist and Teacher 1913, Millikin Conservatory of Music.

Sylvia Fisk, Instructor in Piano Playing.—Performer's Certificate, 1909, and Teacher's Certificate, 1911, Millikin Conservatory of Music.

George Otto Lillich, Instructor in Piano Playing.—Performer's Certificate, 1909; Teacher's Certificate, 1910, and Diploma as Piano Soloist and Teacher in 1913, Millikin Conservatory.

Ethel Mundy Primm, Instructor in Piano Playing and Harmony.—Certificate in Piano Playing, 1910; Diploma as Pianist, 1911, and Diploma as Teacher of Piano Playing, 1912, Millikin Conservatory of Music.

Grace Taylor Wandel, Instructor in Piano Playing.—Performer's Certificate, 1907, and Teacher's Certificate, 1910, Millikin Conservatory of Music.

Rose A. Borch, Associate Professor of the Art of Singing.—Raff Conservatory, Frankfort, Germany, 1898, 1902; Piano, Voice, Private Study, Professor Julius Stockhausen, Frau Jenny Holm.

Ada Emilie Lindsay, Secretary of the Conservatory.—A.B., James Millikin University, 1905; Columbia University, Summer School, 1912.

Eloise Bucher, Associate Professor of the Art of Singing.—Hollins College, Hollins, Virginia; Urbana University, Urbana, Ohio, and Private study with Mr. Rupert Neily in New York City.

Gertrude Darrett Evans, Instructor in Singing.—American Conservatory; Voice with Mrs. Grace Dudley Fenton, Mme. Regna Linne, Karlton Hackett; Harmony and Public School Music, and study with Felix Hughes, Cleveland, Ohio, during summer of 1913.

Nellie Lois Wasson, Instructor in Singing.—Certificate in Singing, Millikin Conservatory, 1910; A.B., Millikin University, 1913; Private study with Mr. Rupert Neily of New York City, summer, 1913.

Ruth Lavery, Instructor in Violin Playing.—Certificate in Violin Playing, Millikin Conservatory, 1910.

Edna M. Bunn, Professor of Pipe-Organ Playing.—Piano Study, Stella B. Hadden Alexander, Wm. Sherwood, Chicago; Dr. Wm. Mason, New York, and Jeannette Durno, Decatur; Organ Study, Clarence Eddy, Chicago; Harry Rowe Shelley and Huntington Woodman, New York.

Paul Burke, Instructor in 'Cello Playing.—Private study with Carl Brueckner, Chicago.

Robert Walter, Instructor of Orchestral and Band Wind Instruments.

FELLOWS AND ASSISTANTS

Thomas Byrd Magath, Fellow in Biology.—Emory College, Ph.B., 1913.

Myrtle V. McDaniel, Assistant Instructor in Domestic Science.—Illinois State Normal University, 1912.

Guy R. Rodgers, Assistant Instructor in Pattern and Foundry Work.

Minnie Brockway, Assistant Instructor in Millinery.

Christian Adolph Klein, Assistant Instructor in Commercial German.—Diplomas of Koenigliche Oberrealschule, Ludwigshafen, and Handels-Hochschule, Mannheim, Germany, 1910 and 1913.

Sarah Dale, 1914, Assistant in German.

Fay Linton Fisher, 1914, Assistant in German.

William F. Henderson, 1914, Assistant in Chemistry.

Miriam Rosenstein, 1914, Assistant in German.

Guy L. Dickerson, 1915, Assistant in Physical Training.

Mattie Horn, 1915, Assistant in History.

Ruth Lorena Lewman, 1915, Assistant in Romance Languages.

Raleigh Lichtenberger, 1916, Assistant in Manual Training.

Verne R. McDougle, 1916, Assistant in Manual Training.

Rono White, 1916, Assistant in Manual Training.

THE COLLEGE

The College includes the following Schools: Liberal Arts, Engineering, Domestic Economy, Fine and Applied Arts, Commerce and Finance, Education, and Music.

The College courses leading to degrees in all the Schools are four years in length, each year being divided into two semesters.

Except as otherwise stated, regular students carry sixteen hours work per week, and in the four years complete a total of 128 hours exclusive of collaterals. A point, or semester-hour, represents a one-hour lecture or recitation period for one semester. Laboratory hours count one-half or one-third as much as lecture hours, as may be specified under individual subjects.

For the completion of the Liberal Arts courses the degree of A. B. is awarded; for the completion of the English-Science course, the degree of B.S.; for the completion of a four-year course in Education, either the degree of A.B. or B.S.; and for the completion of any of the four-year technical courses as indicated, the B. S. degree with the designation of the School, as Mechanical Engineering, Commerce and Finance, etc.—See the summary of courses under the various schools.

Admission to the College

The following requirements for admission pertain to all the Schools of the College proper. See page 60 for conditions of admission to the Academy.

Candidates must present certificates of good moral character. If coming from other colleges during the college year, they will present certificates of honorable dismissal from the same.

They will be admitted to the Freshman class on presentation of certificates of graduation from approved University high schools or from schools of corresponding grade.

Candidates will also be admitted on examination. The day preceding and the day of opening of each semester are regular examination days.

Candidates for advanced standing will be admitted on examination or on credits from reputable colleges.

Candidates admitted in accordance with the foregoing regulations will be eligible only to Schools and courses which their high school or other courses have anticipated.. They may enter other Schools by making up deficiencies.

Admission to the Various Schools of the College

Students desiring to be admitted to the Freshman class from high schools or other secondary schools will be required to submit a certificate of graduation and credits for fifteen units of work in the same as indicated on next page. Blanks for such certification will be furnished on application.

Examinations of other candidates for entrance will be on the same subjects. See the several courses outlined in the Academy for a suggestion of the scope of the examination in each subject.

A unit represents one year's work of thirty-six weeks, five hours per week, of forty minutes each, or the equivalent in laboratory practice.

The subjects named in the first list are required; those in the second, in Italics, are recommended as electives, though others may be elected from the list appended. At least two of the units in foreign language must be in one language only. High school students should be careful to elect subjects preparing specifically for courses they wish to pursue in college.

School of Liberal Arts

Classical Course

Required:

Algebra	1½	units
English Composition	1	unit
English Literature	2	units
Geometry, Plane	1	unit
History	1	unit
Foreign Lanugages at least 2 years or all in one language	3	units

Scientific or English Course

Required:

Algebra	1½ units
English Composition	1 unit
English Literature	2 units
Geometry, Plane	1 unit
Science	2 units

School of Engineering

Required:

Algebra	1½ units
English Composition	1 unit
English Literature	2 units
Geometry, Plane	1 unit
Geometry, Solid and Spherical	½ unit

Electives:

Foreign Language	1 or 2 units
Chemistry or Physics	1 unit
Biology, Physiology, Botany or Zoology	1 unit
Civics	½ unit
History United States	½ unit
Physical Geography	½ unit
English or American Literature	1 unit
Geology	½ to 1 unit
Astronomy	½ unit
Commercial Geography	½ unit
Mechanical Drawing	½ unit
Manual Training	½ unit
Commercial Arithmetic	½ unit
Correspondence	½ unit
Accounting and Office Practice	½ unit
Stenography	1 unit
Typewriting	1 unit
Banking or Economics	½ unit
History of Commerce	½ unit
Introduction to Commerce	½ unit

School of Domestic Economy

Candidates eligible to the School of Liberal Arts will be admitted to this School. Two units of domestic science or domestic art, or one of each, may, however, be submitted for any of the electives recommended.

School of Fine and Applied Arts

Candidates eligible to any of the foregoing Schools on certificate or by examination will be admitted to this School with the provision that two units of fine and applied arts, or one of each, may be submitted for any of the electives recommended.

School of Commerce and Finance

Candidates having the requirements for admission to the School of Liberal Arts or of Engineering with the addition of book-keeping will be admitted to this School.

School of Education

Candidates eligible to admission to any of the foregoing Schools will be admitted to this School on their credentials for the same.

School of Music

Candidates will be admitted to collegiate standing in the School of Music who meet the requirements for any of the foregoing courses with at least two units of a foreign language and two units of music in addition to the required subjects other than a foreign language.

Advanced Standing

Candidates for advanced standing in any of these Schools, presenting credits from other reputable colleges, will be admitted to corresponding standing in this College. They will also be given advanced standing on examination.

Graduate Courses

Graduates of this College, or of colleges of like rank, will be admitted to graduate courses leading to Masters' degrees or to Bachelor's degrees with special designation in any of the technical schools which they may be prepared to enter.

GENERAL INFORMATION

LOCATION

The City of Decatur is located on the Sangamon river in one of the most fertile and healthful regions in the state of Illinois. Being high above the river, its sewerage is perfect. It has a population of nearly 40,000, and is noted for its beautiful homes, its handsome churches and eloquent pulpits, its well paved and well shaded streets and avenues, its finely equipped electric railway, its commodious hotels, its enterprising and public-spirited citizens, its progressive daily press, its healthy educational sentiment and the hospitality of its firesides. It is reached in a few hours' ride from any part of the state. Railways and interurbans combined enter it from sixteen different directions, with over eighty passenger trains per day. It is but little over four hours' ride from Chicago, and scarcely three from St. Louis. In many ways it is an ideal place for an institution of learning.

BUILDINGS

The beautiful buildings erected and equipped at a cost of nearly five hundred thousand dollars make a most delightful and wholesome home for all kinds of college work. They include the Liberal Arts Hall, the Engineering Hall, the Domestic Economy Hall, the Assembly Hall, the Machine Shops, the Gymnasium, the Conservatory of Music, and Aston Hall, and are constructed not only with a view to facilitate investigation and instruction in the different subjects, but also to insure the most satisfactory hygienic conditions possible. Every room in the several buildings is as well lighted, heated and ventilated as modern science can devise, and no pains have been spared to provide the comforts and conveniences that student life in these days demands.

The total frontage of the first three buildings named is four hundred and forty feet. The handsome Assembly Hall in the rear is about eighty feet square and will seat a thousand people. The Power House and Machine Shop north of the Assembly Hall is two hundred feet long and accommodates the foundry, forges, heavy machinery, engines, dynamos, etc. Their equipment includes apparatus and machinery of the latest and most approved models.

THE GYMNASIUM

Is located between Aston Hall and the athletic field, facing West William street. It is 100x55 feet in the clear, with additions on the front for offices, examination and trophy rooms and on the rear for storage rooms in first and second stories. The basement floor contains ample bath and locker rooms for both sexes on either side of a handsome ball cage 30x70 feet. The Gymnasium proper is probably the largest in the Mississippi Valley belonging to colleges of this rank. The running track is equally attractive. Great care has been taken to make the building thoroly up-to-date in every particular and its equipment is in keeping with its general appointments.

CONSERVATORY OF MUSIC

Is located a short distance west of the main group of buildings, and follows the same general design. It is 160x45 feet and fronts West Main street. The best points in the latest and best music buildings in this country and abroad are incorporated in its construction. Every effort has been made to avoid the defects and it is confidently believed that it affords nearly ideal conditions for study and instruction.

ASTON HALL FOR WOMEN

Is located on the beautiful knoll northeast of the Domestic Economy building, in the midst of a quiet grove, and yet but a few steps from the College buildings on the west, the avenue on the east, the interurban and city railway lines on the south. It is 48x116 feet, five stories high including basement and attic floors. The basement accommodates the dining rooms, kitchen, storage, laundry and other necessary adjuncts. The first floor provides handsome parlors, office, matrons' rooms, and eight students' rooms; the second and third floors, a dozen students' rooms each; the attic floor, eight rooms for students and the necessary help. Each floor is provided with ample lavatory and bath rooms and each student's room with generous individual closet room.

The building is thoroly well lighted and ventilated, heated by steam, and modern in every particular; in fact, it is in perfect keeping with the high character of the other buildings on the campus.

The culinary departments are most gratifying to every housekeeper who has studied sanitation, convenience and economy in the arrangement of this important part of a modern home. The whole building is tastefully and appropriately furnished and neither pains nor expense has been spared to make this college home for the young women attractive, healthful, cheery, restful.

Full particulars concerning rooms, meals, etc., will be mailed on application.

THE LIBRARY

Occupies a suite of rooms in a central location and is one of the leading features of the institution. Students have access to the city library, which is proving of great value to them in many lines of work.

GENERAL EQUIPMENT

The manual · training classes occupy five rooms in the basement of the Engineering and Liberal Arts Halls, in addition to the forge and foundry rooms in the Machine Shops. These rooms are well lighted and ventilated and equipped with twenty-four Reed speed lathes, one Oliver saw and trimmer, one Fay-Egan jig saw, twenty-four Chandler and Barber work benches, large size, and a full equipment of necessary tools for all of them. The forge room is fitted up with eighteen Buffalo forges, down draft, and tools in good variety. The drills, lathes, shapers, planers, etc., in the machine room make ample provision for class needs. The foundry and pattern shops are equipped with the best machinery the market affords.

The three departments of mechanical, electrical, and civil engineering are provided with suitable apparatus, machinery, testing machines, etc.

The domestic science and domestic art departments occupy ten rooms in the Domestic Economy building and are thoroly equipped with tables, cases, desks, machines and household utensils in general. These rooms have been thronged with enthusiastic classes from the day of opening.

The fine and applied arts classes occupy seven rooms adapted to their needs on the third floor of the Liberal Arts building and one each in the basement, and on the second floor in the Domestic Economy building. Everything needed in the way of tables, models, casts, kilns, studies, etc., is provided for the department.

The biological and physical departments occupy seven rooms on the second floor of the Liberal Arts building. The chemical laboratories and lecture rooms, six in number, occupy the entire third floor of the Engineering building. All of the laboratories are conveniently arranged for both classes and individual work.

The new gymnasium is well equipped with a full line of apparatus for light and heavy gymnastic exercises.. Practically all of it is new and of the latest and most approved design.

Other departments are correspondingly well provided with accommodations and facilities for their work, which only a visit to the buildings will enable one to appreciate fully.

THE CAMPUS

The campus embraces about thirty-five acres, located three-fourths of a mile west of the central transfer station and is easily accessible from all parts of the city by the electric street railway. It adjoins Fairview Park on the southeast, one of the attractive natural parks of the state, and has always been admired for its fine grove of forest trees. In addition to the lawn tennis courts among the great trees, the athletic field on the north side of the campus affords ample opportunity for exercise in the more vigorous sports.

FEES

Fees are payable at the beginning of each semester. The tuition fee in the Academy and College is $37.50 per semester. The fee for less than a semester is at the rate of $2.25 per week.

Special students taking less than full work pay $5 for each credit hour.

Regular students pay a special athletic fee of $2.50 per semester, which admits to all local intercollegiate games and to all local contests in debate and oratory.

A laboratory fee of $2 per semester is charged for each subject in which students are taking laboratory practice, except chemistry; the fee in it is $3. These about cover the cost of material used. A breakage deposit of $2 per year is required of each student in chemistry, any unused portion of which is returned. Typewriters are rented to students for class and practice at the laboratory fee, $2 per semester. The gymnasium fee is $1 per semester, including locker.

Subsequent to registration days, a registration fee of $1.00 is charged.

Changes in schedule made after ten days are allowed only on permission of the office or instructor concerned and the payment of $1.00. Special examination fee for work done in absentia, $5.

Tuition fees will be refunded only in case of protracted sickness, tho any unused portion for any other reasons may be credited on a future semester at the discretion of the President.

Laboratory and gymnasium fees will not be refunded for any reason.

See page 55 for Conservatory of Music Fees.

FELLOWSHIPS

A few fellowships are awarded to graduate students. Particulars furnished on application.

EXPENSES

The following estimates will be found approximately correct, the difference depending upon the kind of accommodation, proximity to the University and quality of meals. Unfurnished rooms per student per month (two students occupying the same room), $1.50 to $2.00; furnished rooms per student per month, $4.00 to $5.00; meals per month, $14.00 to $16.00.

A few students will be able to secure places in the city where they can earn a part or all of their expenses. A limited number of students earn their tuition by office work at the University, or by other employment about the grounds and buildings.

The office will gladly assist students in securing pleasant locations. Parents contemplating moving to Decatur for the purpose of educating their children are cordially invited to write for such information as they may need.

STUDENT ORGANIZATIONS

The Students' Council, composed of the presidents of the college and senior preparatory classes and several other college organizations, stimulates student activities and endeavors to arouse interest in student enterprises in general.

The Young Women's and the Young Men's Christian Associations offer opportunities for religious instruction and Christian activity. Their meetings are held at the chapel period on Thursdays.

Other student organizations are: the Orlandian, Philomathean and Adelphic Literary Societies, the Athletic Association (with which are affiliated the Football, Basket Ball, Base Ball and Track Teams), Student Volunteer Band, Acolyte Club, composed of ministerial students, Men's Glee Club, Girls' Glee Club, University Orchestra, University Band, Deutscher Verein, Alliance Francaise, Dramatic Art Club, Engineers' Club, Artisans' Guild, Kappa Society, composed of high honor students, Level Club, composed of members of the Masonic fraternity, and the various Greek Letter fraternities and sororities.

There are several fraternities and sororities, with faculty patrons, which are helpful factors in cultivating the social life and stimulating the scholarship of their members.

No students organization shall be formed without the approval of the Council.

CHURCH SERVICES, BIBLE STUDY

The various churches of the city make the students most welcome to all church and Sunday school services and social functions. Students are expected to attend church at least once on the Sabbath, unless excused at the request of parent or guardian, and are urged to join Sunday school classes as regular attendants.

A systematic course in Bible study is offered to all students. It embraces Bible history, an outline study of the Old and New Testaments, a study of Bible lands, a literary study of the Bible, a general survey of Biblical doctrines, a history of the early church, Christian evidences, Christian art, organization and methods in Sunday school work, etc. See pages 28 and 64.

In many of the Sunday schools in the city classes composed almost exclusively of college students are taught by members of the college faculty. Some of them follow the regular international lesson courses; others pursue special courses.

PRIZES

A series of prizes is offered in the several literary, scientific, industrial and athletic lines, which will stimulate interest in all of them.

For the highest efficiency in public debate on some historical or sociological subject approved by the department and the President of the University, Dr. E. J. Brown offers a cash prize of $25.00, open only to students in the College. This prize was won in 1914 by Mr. Leo C. Graybill.

The Millikin Club offers a gold medal for the best oration; open only to college students of regular standing in the three upper classes. The medal was won in 1913 by Fay Fisher.

Mr. J. M. Brownback of Decatur offers a prize of $25 for excellence in short story writing. This money is to be divided between the writers of two stories graded highest by the judges chosen for this purpose.

SCHOLASTIC HONORS

A graduate scholarship, entitling the recipient to one year's free tuition in pursuing a specialty, is awarded to the member of each graduating class in the College who secures the highest rank in scholarship in Junior and Senior subjects, as provided in the regulations governing the same.

This scholarship was won in 1913 by Miss Effie Marguerite Morgan.

The scholarship for the highest average for the four years' college course was awarded to Miss Effie Marguerite Morgan.

The members of each graduating class in the College whose average per cent is 92 or more are designated as high honor students; those with average between 88 and 92 as honor students.

The high honor students in the class of 1913 were: Jessie Corita Ayres, Esther Lou Bergen, Laura Olivia Kriege, Effie Marguerite Morgan, Mary Prestley, Maude Yarnell.

The honor students were:

Viola May Ameling, Nina May Brecount, Edna Emma Davis, Mabel Kent Edmonson, Daniel Gray, Byron McCoy Merris, Harry Barber Munch, Marguerite Shaw Potter, Walter E. Rogers, Harry Tecumseh Scherer, William Edgar Smith, Elmer C. Spence, Nellie Lois Wasson.

Any student who at the end of his Junior year reaches an honor grade on all his work, and a high honor grade on his major may graduate on the completion of 124 points in his course, exclusive of collaterals.

Honors in the lower classes and departmental honors are awarded students attaining certain standings, as provided in the regulations pertaining to the same.

The high honor students in the lower classes for 1912-1913 were as follows:

Juniors—Fay Fisher, William Henderson, Lorin Hudson King, Anna Stockton Milligan, Ivra Clemence Shaw.

Sophomores—Gladys Allison Berkshire, Lucy Reid Henderson, Ruth Lorena Lewman, Martha Gertrude McIntosh.

Freshmen—Mary Esther Kassebaum, Verne Russell McDougle.

The honor students were as follows:

Juniors—Hila August Ayres, Sarah Dale, Lelah Bell Davis, Sophia M. Drobisch, Margaret Constance Hessler, Alice Irene Hicks, Alta Eloise Irwin, Bessie Luella Jacobsen, Myrlte May, Ruth Montgomery, Edna Belle Orr, Miriam Rosenstein, Harriet Ellen Shade, Maude Elizabeth Stanfield, Ruth Swanson, Gayle Threlkeld.

Sophomores—Florence Helen Baird, Harriet Elsie Brawner, Roscoe C. Coen, Elsie Collier, Robert Cairns Craycroft, Guy Leon Dickerson, Edna Gladine Gelsthorp, Clyde Hart, Mattie Virginia Horn, Rowena Bell Hudson, Louise Naber, Bertha Wakefield.

Freshmen—Winifred Yuba Beatty, William C. Casey, Agnes Edna Childs, Mayme Edna Combs, Frank W. Davis, Carl A. Dick, Wilber W. Ellison, Helen Francis, Mary A. Gillespie, Maude Alice Graham, Wallace Holcomb, Doris Elaine Irwin, Mary Louise Kohler, Litta M. Law, Ella Hazel Martin, May Norton, Helen Elizabeth Roby, Grace G. Searight, Thomas Caspar Smith, Gladys Ozelma Sprague, Eda Marie Tenison, George Dodge Walraven, Rono White, Faye Williams, Gladys Williams.

CONCERNING CREDITS, ELECTIVES, ADVANCED STANDING

Credits given for entrance to the College courses shall not in any wise be considered again towards meeting requirements for graduation in the College.

All engineering laboratory work, including mechanical drawing, practice work, experimentation, testing and shop work counts one-third point per hour. Other laboratory work counts one-half point per hour. Practice or experimenting outside the laboratory or shop counts nothing. Class-room work in said subject of the nature of regular lectures or recitations counts one point per hour per week.

The following Academic courses may be taken as college electives when taken by college students only: Latin E, F, G, H; Biology C, D for freshmen only; and Physics, A, B for freshmen only.

Students from approved colleges who have finished the sophomore year in arts or science courses, are admitted to full junior standing. Students of lower rank will be admitted and classified according to their credits as counted in this institution. Students from technical schools are admitted in an analogous manner.

Rules Concerning Theses

Each candidate for a degree is required to present a suitable thesis upon an approved subject, which must be selected within the range of his major. The subject must be approved by the upper officers before January first of his senior year, and the thesis must be in the hands of the examining committee before May 1st. If the nature of the subject permits, it must be typewritten. It shall not be less than 2,500 words in length for the Bachelor's Degree and in other cases will be determined by the committee in charge. It must be accompanied by all necessary drawings, blue prints, models, and tabular statements. After approval a bound copy must be deposited with the Librarian as the property of the University.

Text-books or other printed matters of a compiled or edited nature will not be accepted as a thesis, unless specially prepared for the degree desired, save as otherwise explicitly provided in the regulations concerning that degree.

Regulations Concerning the Master's Degree

The degree of Master of Arts may be granted to graduates of The James Millikin University, or to graduates of other colleges or universities who have completed equivalent courses on the following basis:

(a) In Residentia.—To applicants who complete successfully a prescribed course in residence, the minimum time to be one year. The work shall be equal to at least a year of undergraduate study, and shall be on subjects of an advanced nature. Such work may include advanced courses, which are open to undergraduates. The course shall be under the direction of the Heads of the Departments in which the degree is to be taken. The applicant shall present a satisfactory thesis under a general rule for theses. The fee shall be one year's tuition and laboratory fees, and a diploma fee of five dollars, payable under the general rules of the University.

(b) In Absentia.—Only students who are graduates of this University may pursue graduate work for the Master's degree in absentia. The applicant shall begin his work not later than October 1st in any year, and shall spend a minimum time of two years upon it. Such work shall be of an advanced character, equal in amount to at least one-half more than the work prescribed for residence. The course shall be under the direction of the Heads of the Departments in which the degree is to be taken and they shall prescribe all examinations, reports, etc., and the regulations concerning their conduct. The applicant shall submit a thesis under the general rule for theses. He shall pay a fee of one-half year's tuition at the beginning of each two years and a diploma fee of five dollars under the general regulations of the University.

Work in professional schools, leading to degrees in Medicine, Dentistry, Law, Divinity, and the like, may be counted towards the Master's Degree for not more than one-third the work required for that degree.

MEMORANDA

Government: The heads of the different schools and departments of the College constitute a Council for the transaction of such business as usually pertains to similar bodies in educational institutions.

Tho rules of procedure are necessary to avoid confusion and facilitate administration, few formal rules of conduct are deemed advisable in such an institution as this. Students whose ideals of conduct and whose spirit are not in accord with the general policy of the institution are not desired, nor will they be permitted to remain here after that fact is established. It is believed that the best results in education are attained where reasonable freedom of action is allowed, and where young men and women are guided largely by their own sense of honor and propriety. It will ever be the policy of the institution to cultivate and encourage a spirit of mutual good will and co-operation on the part of faculty and students and to make student life as enjoyable and profitable as possible.

Matriculation: Every candidate for admission to the College or any department thereof is expected to produce satisfactory evidence of good moral character. If said candidate has been connected with any other college he shall produce a certificate of good standing from it.

Every candidate for admission will be required to pay his fees in advance and such payment shall imply an agreement on his part to observe the rules and regulations of the institution and co-operate in every way in his power with the management.

All persons who desire to enter the University should, if possible, be present the first day of the college year. While students are welcome at any time, better results can be reached by beginning with the regular classes. It is desired that those who expect to attend shall make application for admission at as early a date as possible. Persons applying by letter are requested to give a general idea of the work which they have completed as well as of that which they wish to pursue.

For failure to comply with any of the rules and regulations of the College, the Council may reduce the student's standing, or fix any other penalty which in its judgment the case may seem to demand.

Required Hours: Every student is expected to take at least sixteen credit hours' work per week, and is limited to eighteen hours as a maximum, except in the case of engineering students who are allowed a maximum of twenty-one hours. A less number than sixteen may be taken on the approval of the President or Executive Committee, but a greater number than the maximum can be taken only on the approval of the Council.

Examination and Standing: The student who fails to pass the regular examination on any subject will not be allowed to continue with his class in that subject except on the written recommendation of his teacher. Nor will he be given longer than until the end of the next semester succeeding to make up such examination.

A student will not be permitted to attempt the term examination in any study when his average daily grade in that study has fallen below 60. Students taking entrance examinations will be required to make the usual grade for passing a subject.

No student will be recommended for the Bachelor's degree unless he has been a regularly enrolled resident student of the College for at least one year, tho for sufficient reason the Council may reduce the attendance one semester.

Chapel Attendance: All students are required to attend the daily chapel and general exercises, except when excused by the office for satisfactory reasons.

Outside Work: Students are not permitted to take work of any kind outside of the College without the express permission of the President.

Outside Organizations: Students will not be permitted to join any outside local organizations which have not been formally approved by the Council.

Intercollegiate Contests: No student will be certified as eligible to engage in any intercollegiate contest who is not satisfactorily carrying at least twelve hours' work and who is not in good standing in the institution.

Publications: The publications of the College are: The James Millikin University Bulletin, issued quarterly; The Decaturian, issued weekly, the student periodical; the annual Varsity Directory, also a student publication; the College Annual, under the title of "The Millidek," issued by the senior class; and The University Calendar, issued by the Young Women's Christian Association.

Collateral Work: All students in the Academy and in the first two years of the College will be required to take at least one line of collateral work selected from among the following: physical culture, band, orchestral, vocal or instrumental music, literary society, parliamentary or dramatic art practice. Work so selected must be taken at least two hours per week in one of the regular organizations or classes of the institution and under the supervision of a member of the faculty. It must also be subject to the same rules governing attendance and proficiency as the regular scholastic subjects and must be certified by the teacher in supervision or by an officer designated by the President of the University. At least two years' work each in the Academy and College, counting one point per year, must be taken in gymnastics.

Not more than two years' collateral work will be allowed in any one line.

All students not taking such collateral work will be required to make one point each year in the Academy and two in the College, in the freshman and sophomore years, in some scholastic subject in lieu thereof, and in addition to the scholastic points required for graduation.

THE SCHOOL OF LIBERAL ARTS

THE FACULTY

George Emory Fellows, Ph.D., L.H.D., LL.D., President.

Thomas W. Galloway, Ph.D., Professor of Biology.

Albert T. Mills, LL.B., A.M., Professor of History and Political Science.

Robert J. Kellogg, Ph.D., Professor Modern Languages.

Grace Patten Conant, A.M., Professor of English.

Benjamin B. James, A.M., Professor of Physics.

John C. Hessler, Ph.D., Professor of Chemistry.

Theophile J. Meek, B.D., Professor of Biblical History and Literature.

Walter J. Risley, A.M., Professor of Mathematics.

James Newton Ashmore, Director of Physical Training.

John E. Rouse, Ph.D., Professor of Education.

Howard G. Seldomridge, Professor of Public Speaking.

Isabella T. Machan, A.M., Associate Professor of Latin and Greek.

Davida McCaslin, A.M., Associate Professor of English.

Mollie Grubel, Physical Director for Women.

Philip Earl Douglass, A.B., Assistant Professor of Romance Languages.

Lucie H. Snyder, A.M., Librarian and Instructor in Library Science.

Charline Fender Wood, A.B., Instructor in English.

COURSES OF STUDY

The requirements for the A.B. degree, 132 semester hours or points, are as follows:

A. All students shall complete prescribed courses as follows:

One Foreign Language	16 points
English	8 points
One Laboratory Science	8 points
Mathematics, or an additional Laboratory Science or College Latin	8 points
History	8 points
Philosophy, or Biblical History, or additional History and Political Science	8 points
Hygiene	2 points
Collaterals	4 points
Total	62 points

The prescribed foreign language may be either Latin, Greek, German, French or Spanish. The prescribed laboratory science may be either Biology, Chemistry or Physics. For courses in detail, see the departments of Ancient and Modern Languages, English, Biology, Chemistry, Physics, Mathematics, History, Biblical History and Literature, Philosophy and Education.

At least three of these courses of 8 points each must be taken in the Freshman year, of which one must be English. At least two more of 8 points each must be finished by the end of the Sophomore year. The other courses may be taken in any year. The program of courses which may serve as prescribed work is given in the following table.

B. The student shall complete a Major consisting of 32 points in one of the following departments:

Latin.
Greek.
German.
French or Romance Languages.
English.
History and Political Science.
Biblical History and Literature.
Chemistry.
Physics.
Mathematics.
Biology.
Education.
Library Science.

A major may include any prescribed college course, but shall not be interpreted to include any Academy course except Latin E, F, G, H.

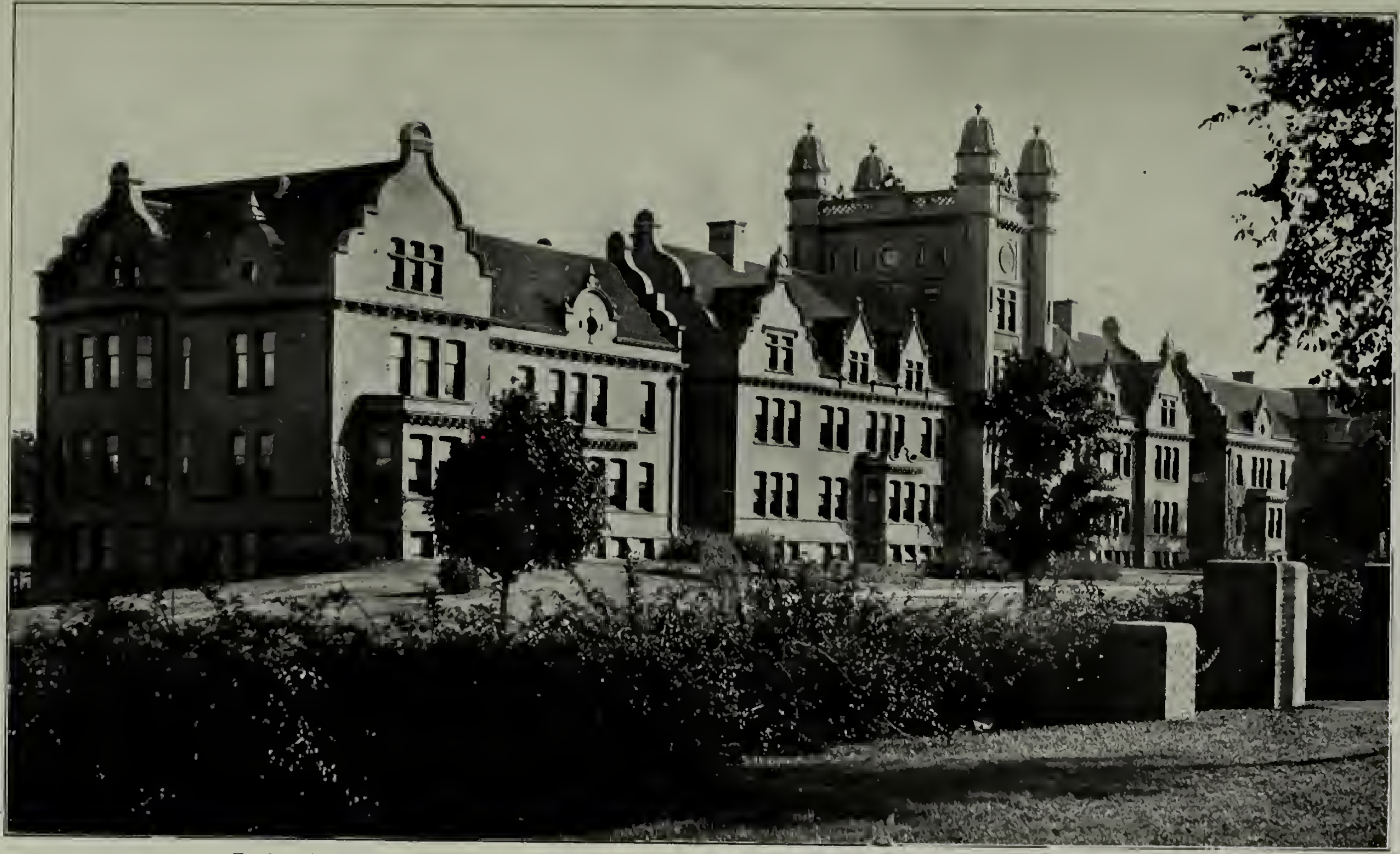
The student shall announce his major not later than the middle of the Sophomore year. The full list of courses other than prescribed courses is found below.

C. The student shall select a minor of 8 points under the advice of the department in which he majors. Such minor cannot include any course offered as prescribed work in A. A minor may be interpreted to include Latin E, F, G, H, or if taken in the Freshman year, Physics A, B, or Biology C, D.

D. The student shall elect additional courses to make a total of 132 points, of which four shall be collateral points (see page 15). The elective points may be taken from any courses in the School of Liberal Arts or other schools of the University to which the student is admitted. Of these, however, not over 32 may be taken outside the School of Liberal Arts, and these may not be taken in more than two Schools; sixteen only can be taken in the School of Music. In all technical electives outside the School of Liberal Arts at least one-fourth must be theoretical as distinguished from shop, studio, or laboratory courses. For possible electives see the different departments of the School of Liberal Arts, and the Schools of Education, Engineering, Domestic Science, Domestic Art, Fine Arts, Applied Arts, Commerce and Finance, Library Science, Manual Training, and Music.

E. Of the entire course, 32 points must be in subjects designated in the Bulletin as Junior or Senior courses.

F. Not more than 32 credit hours may be taken by the student in any one major department, except by specific permission of the Curriculum Committee of the Faculty. Such permission will usually be limited to cases where the last credit course desired overlaps this maximum by a small number of hours. In English the 32 points need not include Courses 1 and 2.



Engineering Hall　　Liberal Arts　　Domestic Economy

VIEW OF MAIN BUILDINGS FROM THE SOUTHWEST

G. Any student who attains at the end of his Junior year an honor grade on all his work and a high honor grade on his major, may graduate upon completing 124 points exclusive of the 4 collateral points.

English Scientific Course

In response to the demands from young men and women from the rural communities who may find it necessary to return to the farms early in April, and of others who are also unable to attend more than three-quarters of the college year, courses are offered in the various required subjects which may be completed at the end of the first semester or at the end of the first half of the second semester with proportionate credit for the work done. The foreign languages in whole or in part will be optional in making up the sum total of required points, on approval of the Council for reasons above given. The degree of B.S. will be granted to candidates completing this course.

This plan makes it possible for students who may be able to carry 20 hours' work per week to attend three quarters of the year for three years and one full year to complete the course in the usual time or for other students who are not able to carry as many as 20 hours per week, to complete it in five years.

Prescribed:

English Literature and Composition	24 points
Mathematics	16 points
Physics and Chemistry	16 points
Biology	12 points
History, Economics and Philosophy	12 points
Ancient or Modern Languages Optional, see above	(12 points)
Collaterals	4 points
Elective	48 points
	132 points

Similar arrangements as to time may be made in the advanced courses in the Academy.

Philosophy

For Courses in Philosophy see Announcement of the School of Education, page 44.

Biology

Thomas W. Galloway, Ph.D., Professor of Biology.

T. B. Magath, Ph.B., Fellow.

The courses in biology in the College continue the general elementary course in the Academy by building up a knowledge of the special sciences of zoology and botany on the general principles there discovered. The general purpose is the same as in the Academy—to secure for the student powers of accurate observation, statement, and reasoning, and to acquaint him with the principles and methods of modern biology. Thru these studies the student should also be brought into increased sympathy with, and appreciation for, the natural conditions about us. Aside from its culture and disciplinary value, biology has important practical relationship with domestic science, horticulture, agriculture, pharmacy, medicine, and many of the trades. It is also of much interest to all teachers in the rural schools and the grades in connection with the rational use of "nature study" in correlation with other work.

The laboratory is supplied with all the equipment necessary for first-class work in the following courses:

C. General Biology ....4 points

D. General Biology ....4 points
Elementary, foundational courses which may be elected by Freshmen who did not offer biology on entrance.

1. **Botany.**—Including the study of the morphology, physiology, and ecology of representative cryptogams and the more common phanerogams. Lectures, text-book, laboratory and field work. Primarily for Freshmen and Sophomores. 4 points. 5 S. 6 T. W. Th. F. S.

2. **Botany.**—Continuation of course 1. (Courses 1 and 2 are not eligible separately.)

3. **Zoology.**—This course includes the study in the laboratory, of representative types of animals; field work on the habits, haunts and adaptations of animals; with text-book and lectures to correlate the isolated observations of the students. Open to Sophomores, Juniors and prepared Freshmen. 4 points. 3 Th. S. 4 W. Th. F. S.

4. **Zoology.**—Continuation of 3. (Courses 3 and 4 are not eligible separately.)

5. **General Physiology.**—This course will deal with the broad problems of plant and animal and human physiology, also with individual and social hygiene. It involves lectures, themes, laboratory and seminars. Second semester. 4 points. 5 T. W. F. S.

6. **Advanced General Biology.**—a. Economic Biology. b. Theoretical Biology. Lectures, references, theses. Course 6a includes a study of the more important ways in which biology bears on human interests. Course 6b comprises a study of the important discoveries and theories about life, variation, heredity, evolution, etc. First semester. 4 points. 5 T. W. F. S.

Courses 5 and 6 may be elected by Juniors and Seniors who are not specializing in Biology. There will be a differentiation within the course, involving added work on the part of those who wish to present these courses as part of a major in biology. The courses may be elected separately.

7 & 8. **Animal Histology and Embryology.**—8 points. Juniors and Seniors.

9 & 10. **Vegetable Histology.**—4 points. Juniors and Seniors.

Courses in Animal and Vegetable Histology will not be offered in one year.

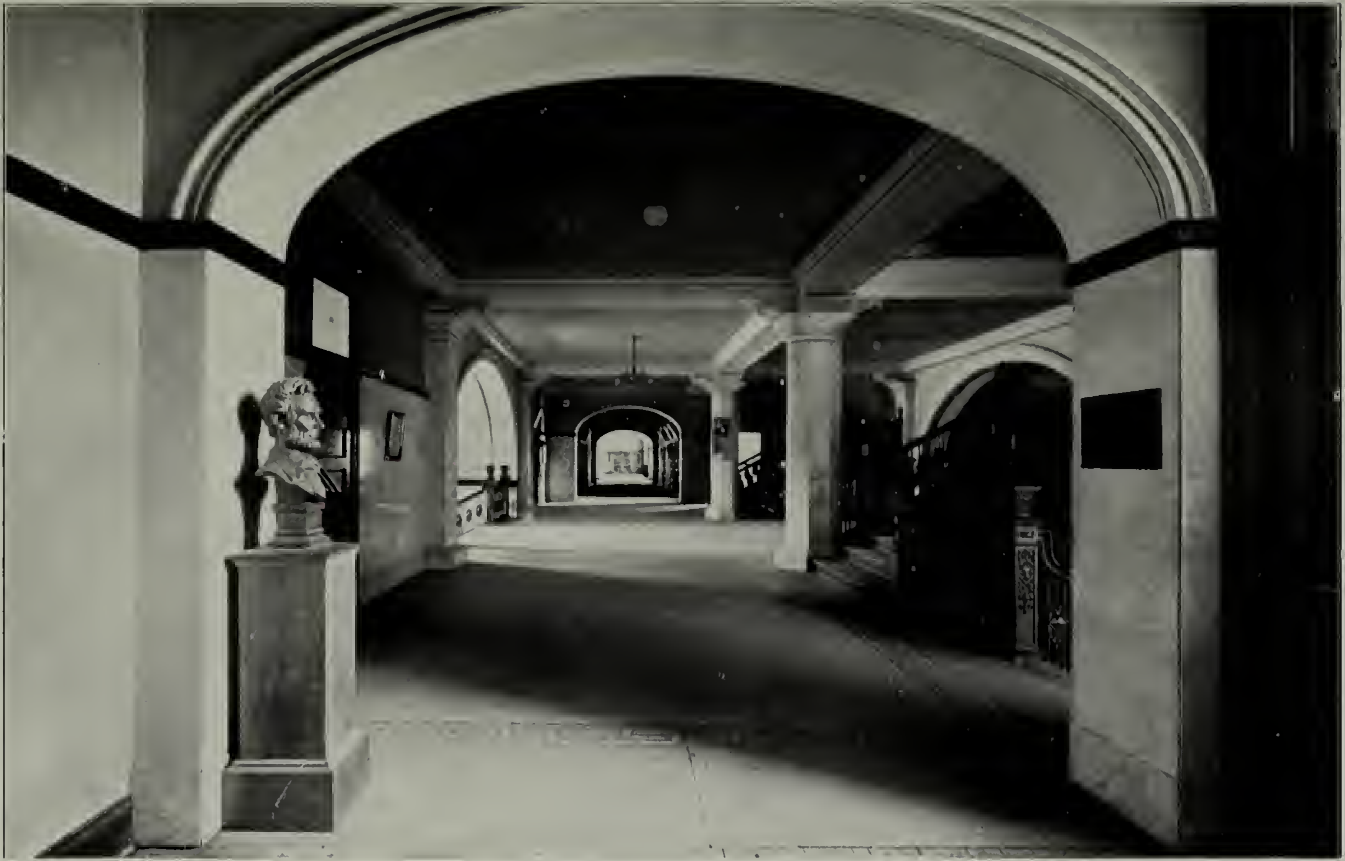
(Prerequisites: Biology 1 to 4, or equivalent.)

Geology

1. **Elements of Geology and Paleontology.**—Text, lectures, theses, and practical exercises in field and museum. Sophomores, Juniors and Seniors. (Prerequisite: Biology C, D, or equivalent.)

Hygiene

Hygiene 1, 2.—This course will be devoted to a study of the conditions of human health, individual and social. It is the purpose to relate it closely to the courses in Physical Culture and to practical life. It is required of all students. Separate sections will be formed for men and women. Freshman. One hour a week for a year. One point.



MAIN CORRIDOR LIBERAL ARTS BUILDING

Latin and Greek

Isabella T. Machan, A.M., Associate Professor.

Lucile M. Bragg, A.M., Instructor.

The course of study in this department for the first two years has been arranged with reference to the fact that many of the students who take Greek and Latin do not intend to specialize in these subjects, and it is therefore desirable to give them, in addition to a grammatical and linguistic training, an acquaintance with the subject-matter and literary merits of a considerable body of representative literature. In order to obtain this result authors of a simpler style have been selected, and considerable portions of their works and related writings assigned for rapid reading. In connection with the reading of Plato and Cicero during the first term, there will be included a thorough review of the fundamentals of accidence and syntax. During the first two years the student will be made acquainted with the legal and political antiquities of the Greeks and Romans, their history and mythology, and the elements of archeology. In the last two years a more detailed study of the authors read will be required, and special courses in philology, archeology and epigraphy will be given.

Latin

1, 2. Latin of 1st Century B. C.—De Senectute and De Amicitia of Cicero; Odes and Epodes of Horace, with readings from Catullus; Characteristics of Roman Literature. Prose Composition (optional). Freshman year. 3 per semester. 3 W. F. S.

3, 4. Latin of the Empire.—Germania and Agricola of Tacitus; 4. Roman Satire and Epigram; Juvenal and Martial; Prose Composition (optional). Sophomore year. 3 per semester. 4 T. Th. S.

5. Ars Poetica, Epistles of Horace and Book X. of Quintilian, or The Letters of Pliny. These courses alternate. 3 points. 1 T. Th. S. Junior.

6. The Captivi, Trinummus and Rudens of Plautus, or Three Plays of Terence. Lectures on the Roman Drama. 3 points. 1 T. Th. S. Junior.

7. Cicero's Letters (I-XXV Abbott) and Book I of the Tusculan Disputations, or De Natura Deorum. 2 points. 1 T. Th. Senior.

8. Lucretius. Books I-III, or Petronius. Prose Composition optional in 7 and 8. 1 T. Th. Senior.

9, 10. Epigraphy. .2 points. Seniors and graduates.

11. Lectures on the Latin Language and Literature, English Course. Juniors and Seniors. 2. 2 T. Th.

12. Monuments of Rome. 2 points. Juniors and Seniors. 3 T. Th. Given 1914-1915.

13, 14. Teachers' Course. Materials of Latin studies, and method of Latin instruction. 4 points. Given 1915-16.

Greek

1, 2. Greek Lessons.—Anabasis, Book I. Composition. 5 per semester.

3. 4. Anabasis, Books II, III. Iliad I-III. Composition. 4 per semester.

5, 6. Athenian Greek. 1. Apology and Crito of Plato. 2. Protagoras and Lucian. Prose composition. Freshmen. 3 per semester. 6 T. Th. F.

7, 8. Greek Dialects.—Demosthenes and Aeschines on the Crown. 4. The Persai of Aeschylus, with readings from Herodotus and Plutarch's Themistocles. Prose Composition (optional). The Phaeacian Episode of the Odyssey, with readings from Hesiod and the Homeric Hymns. Sophomores. 3 per semester. 7 T. Th. F.

9. Herodotus, selections. Juniors. 3. 4 W. F. 5 T.

10. The Antigone of Sophocles and Alcestis of Euripides. Juniors. 3. 4 W. F. 5 T.

11. Poetics of Aristotle, with illustrative readings from Aeschylus, Sophocles, and Euripides. Seniors. 2.

12. Thucydides. Prose Composition (optional) Seniors. 2.

13, 14. Epigraphy. Juniors and Seniors. 2 per semester.

15. Topography and Monuments of Greece, with readings from Pausanias. Juniors and Seniors. 2.

New Testament Greek. See Biblical History and Literature 19, 20.

16. History of Ancient Art. Juniors and Seniors. 2. 3 T. Th. Given 1914-15.

17. Greek Literature, Lectures, English Course. 2. Juniors and Seniors. 2 W. F.

English Language and Literature

Grace Patten Conant, A.M., Professor of English Language and Literature.

Davida McCaslin, A.M., Associate Professor.

Charline Fender Wood, A.B., Instructor.
Caroline Stookey Lutz, A.B., Instructor.

1. English Composition

1. Rhetoric and Composition.—A theoretical study of the principles and qualities of good style, and a practical application of those principles to writing. Description, Narration. Freshmen. First semester. 4 points. 1 or 2. T. W. F. S., or 6 T. W. Th. F. or (for engineers) 3 T. W. F. S.

2. Rhetoric and Composition.—Continuation of Course 1. Exposition. The models used in both English 1 and 2 are chosen not only to give a sense of good style, but to stimulate worthy ideals and enrich the personality of the student. Second semester. 4 points. 1 or 2 T. W. F. S. or 6 T. W. Th. F. or (for engineers) 3 T. W. F. S.

15, 16. Rhetoric and Composition.—A second year's course in composition with special reference to the needs of the general student as distinct from the student especially interested in composition. Logical thinking is made the basis of extended drill on the structure of the whole composition, paragraphing, and sentence-structure in Exposition and Argumentation. How to be effective and interesting in speaking and writing is the end in view in the work in Description and Narration. Required for a major in English. First and second semester. 2 points. 7 W. F.

ASTON HALL

NEW GYMNASIUM

19. Appreciation of Literature.—A study of the essentials of literature and of the principles that govern literary criticism. First semester. 1. Juniors and seniors. 5 W.

21. Special Composition.—A course designed for students who show in any of their college work need of drill in the fundamentals of spoken and written speech. 2 hours. No credit. 8 W. F.

23, 24. Seminar in Composition.—For students of literary ability who desire practice in writing. Any type of composition may be submitted for criticism and discussion. 1 each semester. 7 Th. (1914-1915).

25. Essay-Writing.—Informal essays and letters and one or two long essays, biographical, didactic or critical. First semester. 1. 7 Th. (1915-1916).

26. Short Story Writing.—Practice in constructing and writing the short story, accompanied by the study of representative stories. Second semester. 1. 7 Th. (1915-1916).

II. English Literature

3. Introduction to English Literature.—A survey of English Literature from Beowulf to Milton. The purpose of the course is to give a knowledge of the development of English Literature by introducing the student to a few characteristic works of the less important writers, to practically all of the poems of Chaucer and Spenser, and to six of the plays of Shakespeare. Sophomores. First semester. 4 points. 1 T. W. Th. F.

4. Introduction to English Literature.—A survey of English Literature from Milton through Wordsworth. Special study of Milton, Dryden, Swift, Addison, Pope, Burns and Wordsworth. Continuation of Course 3. Sophomores. Second semester. 4 points. 1 T. W. Th. F.

5. American Literature.—Assigned readings, reports and discussions of the literature of the Colonial and Revolutionary periods, followed by a study of the Nineteenth Century writers, Bryant, Irving, Poe, Hawthorne, Longfellow, Whittier, Emerson, Lowell, Whitman and Lanier. First semester. 3 points. Juniors, Seniors. (1915-16). 5 T. Th. F.

6. The Novel.—A study of the art of prose fiction and of representative novels of Scott, Jane Austen, Dickens, Thackeray, George Eliot and Meredith. Second semester. 3 points. Juniors, Seniors. (1913-14). 5 T. Th. F.

7. Introduction to European Literature.—Collateral readings and study in translation of Homer's Iliad and Odyssey, the Greek and Roman Drama, Virgil's Aeneid, the Nibelungenlied. First semester. 3 points. (1914-15). Juniors, Seniors. 5 T. Th. F.

8. Introduction to European Literature.—(Continuation of Course 7). Special study of Dante's Divine Comedy, Goethe's Faust, Tasso's Jerusalem Delivered, Corneille's Le Cid, Cervante's Don Quixote. Second semester. 3 points. (1914-15). Juniors, Seniors. 5 T. Th. F.

9. The Romantic Movement.—A study of the rise and development of the Romantic Movement in English Poetry, with intensive study of the greater Romantic poets—Burns, Wordsworth, Coleridge, Byron, Shelley and Keats. First semester. 2 points. (1915-16). Juniors, Seniors. 3-4 S.

10. Victorian Poetry.—A comprehensive study of Tennyson and Browning; a brief study of Rossetti, Arnold, Swinburne and Morris. Second semester. 2 points. (1915-16). Juniors, Seniors. 3-4 S.

11. The Drama.—Lectures on the origin and development of the drama. Rapid reading of representative plays of pre-Shakespearean dramatists and of the works of Shakespeare as a whole. Detailed study of twenty plays of Shakespeare, with especial emphasis on content and dramatic technique. First semester. 2 points. (1914-15). Juniors, Seniors. 3-4 S.

12. The Drama.—A study of the modern drama, especially the works of Ibsen, Hauptmann, Shaw, Sudermann, D'Annunzio and Maeterlinck. (Course 12 or 13 will be given in 1914-15.) Second semester. 2 points. Juniors, Seniors. 3-4 S.

13. Old English.—Grammar and easy reading. Selections from Beowulf, with study of meter and literary characteristics of old English poetry. Students should consult instructor before registering. Second semester. 3 points. Juniors, Seniors.

17. Modern Poetry.—A study of Twentieth Century poets and of the New Movement in English and American poetry. Designed especially for city teachers. First and second semester. 1 point. (1915-16). 8 Th.

18. Short Stories.—A study of short story-telling and of short stories, English, French, and American. Designed especially for city teachers. First and second semester. 1 point. (1914-1915). 8 Th.

20. Teachers' Training Course.—A study of the aims and methods in the teaching of English composition and literature in the secondary school. The student will submit lesson plans for discussion and approval and so far as possible be given opportunity for practice under supervision and criticism. Second semester. 1 point. 5 W.

22. Library Use.—A study designed to give students a knowledge of the use of a library. It includes a study of the classification and arrangement of books and bibliographies, acquaintance with reference books, the choice of text-books with consideration of editions, translations and publications. First semester. No credit.

Vocal Expression and Public Speaking

Howard G. Seldomridge, Professor of Public Speaking.

B. Vocal Expression.—Reading and Recitation. Text-Book: Classics for Vocal Expression. Academy and Freshmen. Second semester, 2. 6 T. Th.

1. Extemporaneous Speaking.—Facility in thinking and speaking before an audience. Different forms of thinking in public speech. Freshmen and Sophomores. First semester, 1. 1 S.

2. Extemporaneous Speaking.—Various subjects for treatment in public speech. Freshmen and Sophomores. Second semester, 1. 1 S.

3, 4. Vocal Expression (General Course).—General investigation of the action of the mind, of the voice and of the body, in the expression of thought and emotion. Vocal training. Recitation and criticism. Text-book: Foundations of Expression. Freshmen and Sophomores. Each semester, 5. 2 T. W. Th. F. S.

5, 6. Vocal Expression (Advanced Course).—More detailed study of the imagination in its application to art, literature and expression. Control of emotion, sympathetic identification of character and situation. Voice training for range, flexibility and tone-color. Text-book: Imagination and Dramatic Instinct. Sophomores and Juniors. Each semester, 4. 3 T. W. Th. F.

7. Argumentation.—The theory of argumentation in speeches and debates. Text-book: Argumentation and Debate—Denney-Duncan—McKinney. First semester, 2. 1 W. F.

8. Debate.—The practice of argumentation in speeches and debates. Second semester, 2. 1 W. F.

9. Platform Addresses; Their Structure.—Study of famous orations to discover their structure. First semester, 2. 1 T. Th.

INTERIOR NEW GYMNASIUM

10. **Platform Addresses; Their Structure and Delivery.**—Practical formation and utterance of addresses of various kinds. Sophomores and Juniors. Second semester, 2. 1 T. Th.

11, 12. **Public Reading.**—Adaptation of literature to public reading. Recitation with criticism. First semester: Arrangement and production of an evening's program from the typical writings of a single author. Second semester: Arrangement and production of an evening's program from a single large work in literature. Juniors who have taken vocal expression 3, 4. Each semester, 2. 6 W. F.

13, 14. **Vocal Expression (Third Course).**—First semester. Recitation of more difficult literature. Acting of scenes from Shakespeare. Second semester: Dramatic Monologues of Browning; Impersonation of scenes from Shakespeare. 2. 7 T. Th.

This course is open only to those Juniors and Seniors who have already taken Vocal Expression 5, 6.

Library Science

Lucie H. Snyder, A.M., Librarian and Instructor.

The purpose of the courses offered under this head is twofold: (1) to bring the principles of library economy before the general student in such a way as to enable him to use with advantage any properly arranged library, and to assist him in selecting and managing his own library, and (2) to train librarians. The courses are given by lectures, text-books and practice, in which the library itself is the laboratory.

The following program is recommended to students majoring in Library Science, and leads to the degree of Bachelor of Arts with Library Science:

Freshman

English, 1, 2	4.4
Chemistry, 1, 2.	4.4
Mathematics, 1, 2.	4.4
German or French.	
Library, 1, 2.	1.2
Collaterals	1.1

Sophomore

English, 3, 4.	4.4
Library, 12, 13.	2.2
German or French.	
History, 2a, b.	0.4
Collaterals	1.1
Library, 3, 4.	3.2
Library, 16.	3.

Junior

History, 3, 4.	4.4
Library, 5, 6.	3.3
Library, 7, 8.	1.1
German or French.	
Biology, 3, 4.	4.4

Senior

Philosophy, 1, 2, 3.	4.4
Economics, 7.	4.0
Library, 9, 10, 11.	3.1
Fine Arts, 19, 20.	1.1
Elective	4.10

Description of Courses

1. **Book-Making.**—History of writing, materials, early forms of books, manuscripts, the invention and spread of printing, printers' marks, book illustrations, book binding (with visits to the local bindery). First semester, 1.

2. **Selection of Books.**—Various problems in the selection and buying of books for libraries are discussed. Typical books are read, reviewed and criticized, the "Publishers' Weekly" and leading periodicals containing book annotations and reviews are systematically examined. Lectures are given on publishers, editions, discounts, etc. Second semester. 2.

3. **Reference Work.**—Lectures, discussions and problems based on "Kroeger's A. L. A. Guide to the study and use of Reference Books," with special attention given to federal, state and municipal documents. First semester. 3.

4. **Bibliography.**—A study of (1) national and trade bibliography, especially of the United States and England, and (2) general and subject bibliography. Lectures are given on the literature and bibliography of special subjects by professors in the respective departments of the University. Second semester. 2.

5. **Library Economy.**—This course is concerned chiefly with the book in the library before it reaches the reader, and includes the business details involved in ordering books; accession work; the mechanical preparation for the shelves; lectures and practical work on the use of the Dewey Decimal and Cutter Expansive systems of classification; assigning book numbers from the Cutter-Sanborn Author Tables, shelf listing and dictionary cataloging in accordance with "Dewey's Library School Rules," "Cutter's Rules for a Dictionary Catalogue," and the "A. L. A. list of Subject Headings." First semester. 3.

6. **Library Economy.**—A continuation of Library Economy 5. The more intricate problems of cataloging are studied, and the ordering and use of the Library of Congress printed cards. Each member of the class is required to make a sample catalogue of five hundred books. Lectures are given on problems of library administration, including loan systems, organization, architecture, repairing and binding books, the copyright laws, library laws and other allied topics. Second semester. 3.

7,8. **Elementary Apprentice Work.**—The course includes the minor work of a library, such as the mechanical preparation of books for the shelves, practice in .library handwriting and alphabeting. The course extends through the year. 2.

9, 10. **Advanced Apprentice Work.**—Students in this class are given the catalog cards of the elementary class to revise and criticize, do independent cataloging, loan desk and reference work, and receive practical training in the general management of the library. The work extends through the year. 2.

11. **History of Libraries.**—An account of the foundation and development of ancient, mediaeval and modern libraries, special importance being given to the library in the United States. The class meets once each week during one semester.

12. **Public Library Work.**—The organization and administration of public libraries. First semester. 2.

13. **Library Work With Children.**—A study of the child and his literature; the reading and examination of books for children; story telling, what stories to tell and how to tell them; the organization and equipment of the children's room; work with the public school. Second semester. 2.

14. **General Reference Work.**—Lectures and problems on the use of the reference books and library aids. A course intended to assist the college student in his use of the material in the library. One semester. 1. Open to all students. Elective.

15. Development of Modern Nations.—A study of the formation of present governments with outside reading and reports on current events. One semester. 2. Elective.

16. Typewriting.—Academy typewriting A. The work includes instruction in the mechanism of the typewriter and a thorough mastery of the keyboard and correct fingering. See Academy. One semester. 3.

Mathematics

Walter J. Risley, A.M., Professor of Mathematics.

Harold R. Phalen, B.S., Instructor.

The first year's work touches all lines of mathematical thought and aims to give some knowledge of the object of mathematical investigation and of some of its most far-reaching conclusions. Emphasis is put upon its relationship to the whole body of human knowledge. The aim is to give a wide perspective as well as skill in handling certain problems. In the second year's work the student becomes more familiar with those fundamental processes and methods which are needed for the higher work.

The advanced College courses are for the student who desires to specialize in mathematics. They introduce him to the wider fields and the more powerful methods. He thus becomes equipped for entering upon graduate study.

The department has an excellent collection of models covering undergraduate work. These include a full set of Hanstein's apparatus; stereoscopic views; full sets of regular, semi-regular and Archimedes solids; a set of the Kepler-Poinsot bodies; a set of the 32 simple crystal forms; a large number of solids of rotation; several thread models; several plaster models; models for theorems in kinematics; some linkages; several drawings of higher curves; models for illustrating methods in solid analytics; several models and drawings to illustrate four-dimensioned solids. This collection is added to yearly, and will soon cover every type of problem arising in undergraduate study.

Elementary College Courses

Primarily for Liberal Arts

1. Algebra.—A short review of the elementary algebraic processes, followed by a study of some of the more advanced topics, including theory of equation, variation, the progressions, mathematical induction, binominal theorem, undetermined coefficients, determinants, etc. Constant use is made of graphical methods. Many applications are made to problems in physics, chemistry, etc. First semester, 4 points. Prescribed for Liberal Arts. 5 T. W. Th. F.

2. Trigonometry.—The application of the circular functions to the solution of triangles and to problems in geometry, etc. Trigonometric equations and identities; logarithmic calculations. Second semester, 4 points. Prescribed for Liberal Arts. 5 T. W. Th. F.

3. Analytic Geometry.—The theory of the analytic geometry of the point, the straight line, the conic sections and some higher plane curves, with their most important applications. Sophomores or Juniors, 4. First semester, 3 T. W. Th. F. (or S.).

4. Calculus.—An elementary course with applications to the more simple problems of geometry, physics, and chemistry. Sophomores or Juniors, 4. Second semester, 3 T. W. Th. F. (or S.).
Mathematics 3 and 4 may be elected as 5 hour courses.

Primarily for Engineers

5, 6. Algebra, Trigonometry and Analytic Geometry.—During the first semester emphasis is placed on trigonometry and algebra with those parts of analytic geometry that are needed in the graphical treatment of these subjects; the second semester is largely devoted to the problems of analytic geometry. The development of methods of attack and of powers of analysis is constantly sought. The graphical treatment of mathematical and engineering problems is made a leading feature of the cousre.

A good working knowledge of elementary algebra is essential at the beginning of these courses; it is therefore strongly urged that a thoro review of algebra, thru quadratic equations, be made shortly before entering.

Credit will not be given for a half year in this course. All engineers. 10 points. Daily, 4th period.

7. Calculus.—The elements of the differential calculus with its applications to curve plotting, rates, maxima and minima; the fundamental forms of integration with application to plane areas in rectangular and polar co-ordinates. Sophomore engineers. 5 points. Daily, 2nd period.

8. Calculus.—Applications of definite integrals to problems in plane areas, lengths of arcs, and surfaces of revolution; volumes of revolution by means of parallel cross-sections; successive integration with applications to areas, surfaces and volumes; approximate methods of integration; Taylor's Theorem; subtangents; asymptotes; curvature; elementary differential equations. Sophomore engineers. 5 points. Daily, 2nd period.

The above courses are given every year. A considerable collection of models and figures set up in space or modeled in plastelene exemplify the geometry courses. Drawings to scale, graphic treatments and verification of results aid in the other courses.

The following courses may count as courses in mathematics: Descriptive Geometry, C. E. 2; Mechanics, C. E. 20, 21.

Advanced College Courses

9. Pure Geometry.—Modern pure geometry, including the theory of projection, inversion, duality, polarity, etc. First semester, 3 points. Elective for Sophomores or Juniors. 1 T. W. F.

10. Advanced Analytic Geometry.—A generalized treatment of co-ordinates, correspondence of various kinds, descriptive properties of curves, projective properties, transformations, and invariantive properties. Second semester, 3 points. Elective for Sophomores or Juniors. 1 T. W. F.

11. Advanced Algebra.—A treatment of the rational integral function and its roots, symmetric functions and other functions of the roots, Galois' substitution groups and their applications. First semester, 3 points. Elective for Sophomores and Juniors.

12. Advanced Algebra.—Matrices and linear groups and invariants, with applications. Second semester, 3 points. Elective for Sophomores and Juniors.

13, 14. **Advanced Calculus.**—Differential equations, definite integrals, Taylor's Series, maxima and minima, variations. One year, 6 points. Elective for those who have had calculus. Juniors, Seniors.

The advanced courses may be elected as 4 or 5 hour courses.

Courses for Master's Degree in Mathematics

Elementary Theory of Functions with applications.

Newtonian Potential Functions.

Fourier's Series and Spherical Harmonics.

Infinite Series and Products.

Higher Plane Curves.

Theory of Invariants with applications.

Vector Analysis.

See regulations concerning the master's degree, page 14.

History and Political Science

Albert T. Mills, A.M., Professor of History and Political Science.

1. **History of England.**—The study of a people who have developed far along lines of true democracy, and whose ideals are uprightness, honor, dignity, and simplicity of character. A general survey is taken. Invasion, Christianity, the Puritan revolution, parliamentary reform, colonial expansion, and other great movements are followed. English influences on American life are featured. Text, readings, and maps. T. W. Th. F. at 1:30. Freshmen, Sophomores.

2a. **English Industrial History.**—England's four industrial systems are presented: agriculture, under the socialistic control of the manor; crafts, under the control of gilds; commerce, under the control of the national government; and the factory,—first under the control of the owner, and then under parliament's regulation. Movements that are emphasized are: the struggle for industrial liberty, industrial training for skill and quality of work, and free trade as a benefit to the consumer. Text, lectures, readings. T. W. Th. F. at 1:30. Freshmen, Sophomores.

2b. **Industrial History of the United States.**—A systematic study of a virile and energetic people who appropriated and developed the wonderful natural resources of a new continent, with such eminent success that our industrial development has no parallel in the world's history. T. W. Th. F. at 1:30. Freshmen, Sophomores.

3. **American History, The Colonies.**—European backgrounds, and the gifts of Europe to America; the new world, and the planting of democratic ideas; colonial independence, and progress toward nationality. Text, readings, and weekly reports. American History should be preceded by a year's study of European or English History. If this course is preceded hy History 1 and 2, or 11 and 12, and taken as late as the Junior Year, Junior credit will be given. T. W. Th. F. at 8:00.

4. **American History.—Constitutional Period.** A continuation of "3," which embraces: (a) the Federal and the Jeffersonian systems, the rise of the new West, the Jacksonian democracy; (b) the trial of nationality by slavery and by territorial extension; (c) reconstruction, political and economic. T. W. Th. F. at 8:00.

5, 6. **American History.**—Special problems since 1876. W. F. at 2:30. Juniors, Seniors.

7. **Federal Constitutional Law of the U. S.**—The general principles of Constitutional Law as they pertain to the federal and state systems. The study will include the Constitution itself, a manual which presents the principles of the law, and a number of leading cases in which those principles are developed. The cases embrace the subjects of commerce, taxation, money, police power, impairment of contracts, political questions, injunctions, and others. T. W. Th. at 9:00. Juniors, Seniors.

8. **Public International Law.**—The intention of the course is to acquaint students with the laws governing states in their normal relations, in their relations of war, and in their relations of neutrality. Illustrations from American history will be presented in the main; others will be used, however, and a fair knowledge of European history from the treaty of Westphalia, 1648, to the last Hague Peace Conference is important. T. Th. at 9:00. Juniors, Seniors. [Omitted 1914-15.]

9. **National Administration of the United States.**—A detailed study of the work of our president and the members of the cabinet. A comparison of our national administration will be made with those of England, Germany and France. T. W. Th. at 9:00. Juniors, Seniors. [Omitted 1914-15.]

10. **Nineteenth Century Politics.**—Practical conclusions of the evolution of civilization are applied to present day affairs,—politics, education, government, society, etc. The ideals of laissez-faire, liberty and equality, labor time, universal suffrage, peace-at-any-price, and others are examined. The problems of France, England and the United States are pointed out and twentieth century reconstruction forecasted. T. Th. at 9:00. Juniors, Seniors.

11, 12. **European History.**—Middle Ages during the first semester, and the development of Modern Europe during the second semester. The past is subordinated to the present to enable students to understand European affairs, and to read foreign news intelligently. Text and readings. T. Th. F. S. at 11:15. Freshmen, Sophomores.

Note.—Students who major in History and Political Science may, on the approval of the head of this department, receive credits in Economics, Elementary Law, Commercial Law, and Bible History to the amount of one year.

Modern Languages

Robert James Kellogg, Ph.D., Professor of Modern Languages.

Philip Earl Douglass, A.B., Assistant Professor of Romance Languages.

Christian Adolph Klein. Instructor in Commercial German.

Sarah Dale, 1914, Assistant in German.

Fay Fisher, 1914, Assistant in German.

Miriam Rosenstein, 1914, Assistant in German.

Ruth Lewman, 1915, Assistant in French.

The courses in Modern Languages aim to give (1) a thoro practical and grammatical mastery of the language in question, (2) ability to read more difficult works at sight, (3) acquaintance with national literature and life and with the history of the language and literature. The direct method of teaching is employed, and all courses are conducted mainly in the language taught.

Students offering credits from other schools for admission to advanced standing in any modern language, must either show the facility in reading, writing and speaking prerequisite to the course entered, or take such previous courses as are necessary in the particular case. Credits for lower courses thus taken will depend on the amount of unrepeated work, as shown by a duly certified detailed statement of former work in the given language.

A single semester's work in a beginning foreign language cannot be counted as points for graduation until a full year's work is completed.

German

1, 2. Beginning German.—Oral instruction, conversation and themes based on objects, pictures, stories, poems and songs. Assigned and sight reading, memorizing and free reproduction. Phonetic and grammatical drill based on reading. 5 points. 1 T. W. Th. F. S. or 4 T. W. Th. F. S. Freshman.

3, 4. Advanced German.—Reading of tales, legends, short stories, novels, comedies and German periodicals, with conversation and free reproduction based on reading. Weekly themes and review of grammar, including inflection, syntax and word-formation. Collateral study of German geography, history and biography. 4 points. 2 M. T. Th. F. or 7 M. T. Th. F. Freshman and Sophomore.

3cf, 4cf. Commercial German.—Students in the School of Commerce and Finance taking German 3-4, will substitute for the regular weekly themes and for a part of the collateral reading, practice in commercial vocabulary and correspondence and business forms, and a study of German industrial and commercial conditions. Written reports and abstracts of such reading must be rendered.

3s, 4s. Scientific German.—Scientific or technical students taking German 3-4 may, with the approval of the head of the school or department in which their main work falls, substitute scientific reading and themes for the required composition work and collateral reading. Written reports and abstracts of such work must be rendered.

5, 6. Introduction to German Literature.—Lessing's Minna von Barnhelm, Goethe's Hermann und Dorothea, Schiller's Wilhelm Tell, Hauff's Lichtenstein, Freytag's Die Journalisten. Collateral reading of Keller's Bilder aus der deutschen Literatur and Holly's German Epics Retold. 3 points. 3 T. Th. S. Sophomore and Junior.

7, 8. German Life and Institutions.—Readings and illustrated lectures on German cities, scenes, customs and institutions, social and political relations, and daily life. Conversation, free reproduction and German themes. Collateral reading of German newspapers and periodicals. 3 points. 3 M. W. F. Sophomore and Junior.

9, 10. The Modern Novel.—Selected works of nineteenth and twentieth century novelists. Readings, discussions and abstracts. Outside reading of tales and short stories with brief reports on same. For collateral reading see note following course 11-12. Not given in 1914-15. 3 points. 6 M. W. F. Senior and Graduate.

11, 12. German Poetry and Drama.—11. Lyric Poetry. Goethe, Schiller, Uhland, Heine, Scheffel and minor poets. 12. Drama. Selected dramatic works of classical and modern authors. For collateral reading see note following. Given in 1914-15. 3 points. 6 M. W. F. Senior and Graduate.

Note.—Courses 9-10 and 11-12 are given in alternate years. Courses 1-6 or their equivalent, including a fluent speaking and reading knowledge of ordinary German, are prerequisite. The required collateral reading (one half to be done in connection with each course) includes: (1) Stroebe and Whitney's Geschichte der deutschen Literatur, (2) Collitz' Selections from Early German Literature, (3) Collitz' Selections from Classical German Literature, (4) either Engel's Geschichte der deutschten Literatur or Koenig's Deutsche Literaturgeschichte, (5) Behagel's Die deutsche Sprache or Meyer's History of the German Language, (6) Curme's German Grammar or Heyse's Deutsche Grammatik, (7) Victor's Deutsche Aussprache, (8) Bagster-Collins' German in Secondary Schools, (9) Steinhausen's Geschichte der deutschen Kultur, (10) Paul's Prinzipien der Sprachgeschichte or Strong-Logeman-Wheeler's History of Language, (11) Monatshefte für deutsche Sprache und Pädagogik, (12) Modern Philology, or Journal of English and Germanic Philology. Optional collateral reading in addition to the above will be given to students desiring the same, especially along the line of Germanic and Indo-European Philology and Phonetics.

French

1, 2. Beginning French.—Oral instruction, conversation and themes based on objects, pictures, stories, poems and songs. Assigned and sight reading, memorizing and free reproduction. Phonetic and grammatical drill based on reading. 5 points. 2 T. W. Th. F. S. Freshman.

3, 4. Advanced French.—Reading of tales, legends, short stories, novels, comedies and French periodicals, with conversation and free reproduction based on reading. Weekly themes and review of grammar. Collateral study of French geography, history and biography. 4 points. 3 M. W. F. S. Freshman and Sophomore.

5, 6. Introduction to French Literature. — Selected works of Corneille, Racine, Molière, Balzac, Copée, Dumas, Hugo, Daudet, Merimée, Maupassant, France, Augier, Labiche et Martin. Weekly themes. Collateral reading of Duval's Histoire de la littérature française. 3 points. 7 M. W. F. Sophomore and Junior.

7, 8. French Life and Institutions.—Readings and illustrated lectures on French cities, scenes, customs, institutions, social and political relations and daily life. Conversation, free reproduction and themes. Collateral reading of French journals and periodicals. 3 points. 4 M. W. F. Sophomore and Junior.

9, 10. The Modern Novel.—Readings from Sandeau, Feuillet, About, Flaubert, Hugo, Zola, Daudet, Vigny, Bazin, Loti, France, etc. Lectures and reports on authors read. Outside reading of tales and short stories with brief reports on same. For collateral reading see note following course 11-12. Not given in 1914-15. 3 points. 4 T. Th. S. Senior and Graduate.

11, 12. French Drama. 11. **Classical Drama.**—Selected works of Corneille, Racine and Molière. 12. Modern Drama. Selected works of Marivaux, Voltaire, Sedaine, Diderot, Beaumarchais, Dumas, Scribe, Sardou, Hugo, Rostand, etc. Lectures and reports on authors read. Outside reading of French lyric poets with brief reports on same. For collateral reading see note following. Given in 1914-15. 3 points. 4 T. Th. S. Senior and Graduate.

Note.—Courses 9-10 and 11-12 are given in alternate years. Courses 1-6 or their equivalent, including a fluent reading and speaking knowledge of ordinary French, are prerequisite. Collateral reading on the history of the language and literature, advanced grammar and phonetics, and methods of teaching French will be required.

Spanish

1, 2. Beginning Spanish.—Oral instruction, conversation and themes based on objects, pictures, stories, poems and songs. Assigned and sight reading, memorizing and free reproduction. Phonetic and grammatical drill based on reading. 5 points. 1 T. W. Th. F. S. Freshman and Sopohomore.

3, 4. Advanced Spanish.—Drama and novels, poetry and a study of metrical forms. Cervantes, Calderón, Lope de Vega, Echegaray, Galdós, Pereda, Padre Isla, Tamayo, Alarcón, Moratín, Bazán, Caballero, Nuñez de Arce. Drill in composition, letter writing and business forms. 4 points. 6 M. T. Th. F. Sophomore and Junior.

Chemistry

John C. Hessler, Ph.D., Professor of Chemistry.

William F. Henderson, 1914, Assistant.

Paul Hawver, 1915, Curtis R. Douglass, 1916, Laboratory Assistants.

1. Inorganic Chemistry.—Freshman. Two lectures, two double laboratory periods per week, for one year. 4. 1, 2 Th. 3 W. F. S. 4 S. or 3 T. W. Th. F. 4 T. Th.

This is a beginner's course in general descriptive inorganic chemistry. It covers the fundamental laws of chemistry, with a detailed study of the properties, manufacture and uses of the most important elements and compounds.

This course is complete in itself, and does not presuppose that the student has already studied chemistry.

Preparation required: Academy Physics or Chemistry with laboratory work for one year.

2. Continuation of Course 1.—Courses 1 and 2 not eligible separately.

3. Inorganic Chemistry; a Second Division.—Two lectures, two double laboratory periods weekly for one year. 4. 1 W. S. 2 T. W. F. S.

Preparation required: Academy Physics or Chemistry with laboratory work for one year.

4. Continuation of Course 3.—Courses 3 and 4 not eligible separately.

5. Qualitative Analysis.
Four double laboratory periods for one year. 4. 5, 6 T. W. Th. F.

6 T. W. Th. F.

This is a laboratory course in qualitative analysis. There will be lectures and recitations, but it is primarily a laboratory course which aims to develop self-reliance and accuracy of observation in the student, as well as to prepare for further chemical work.

Preparation required: Chemistry 1 and 2 or 3 and 4.

6. Continuation of 5.

7. Quantitative Chemistry.—Four double laboratory periods (or more as students may elect) per week for one year. 4.

This is a course in general quantitative analysis in which the student has practice in both gravimetric and volumetric processes. He is also required to make several inorganic preparations.

Preparation required: Chemistry 1 and 2 (or 3 and 4) and 5 and 6.

8. Continuation of Course 7.

9. Organic Chemistry.

Two lectures, three double laboratory periods per week for one year. 4.

The work will consist of lectures and recitations on organic chemistry, with laboratory work in preparations, organic reactions, organic analysis, and molecular weight determinations.

Preparation required: 1 and 2 (or 3 and 4), 5 and 6, and 7 (or 8).

10. Continuation of 9. Courses 9 and 10 not eligible separately.

11. Advanced Chemistry.—For prepared students. Time and credits to be arranged with the instructor.

Physics

Benjamin B. James, A.M., Professor of Physics.

1, 2. General Physics.—Five credits. 3 W. F. 4 T. W. Th. F. S. Freshman and Sophomores.

Text-books: Carhart's College Physics, Dayton Clarence Miller's Laboratory Physics.

This course is for those desiring a more thoro course in physics than they offered on entering College. It covers in a more general manner and in a more scientific way the ground already covered in the secondary school.

The mathematics of the course is simplified as much as possible, and while in all that is attempted rigidity of proof is regarded as of importance, the course is primarily cultural in nature and designed for general information.

Biblical History and Literature

*The Mr. and Mrs. Matthew Robb Chair.

Theophile J. Meek, A.B., B.D., Professor of Biblical History and Literature.

If history is the chemistry of life, the study of the elements out of which our present civilization is the outgrowth, then no people are so important historically as are the Hebrews. No others have contributed so much religiously, morally, socially or politically, or affected so largely the world's literature. No others are influencing life today as are the Hebrews thru the medium of the Bible. How important, then, that there should be in every institution of learning a department for the

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*Endowed in their memory by their daughters, Mrs. Eliza J. Stansbury and Mrs. Lydia E. Phillips.

study of a people and a literature, so unique and so important in the history of the world!

The department is on the same basis as the other departments of the University. Students may select their major in this department as they would in any other, or elect only so much of it as they desire. To enhance the interest and value of the work, the instruction of the class room is illustrated by lantern-slides, photographs, antiques, etc.

The Acolyte Club was reorganized in February, 1910, and is now an adjunct to the department. Membership is open to students intending to enter the ministry, or other active Christian work.

1. History of the Bible.—What the Bible is; how we got our Bible; languages of the Bible; story of the Canon and Apocrypha; history of the English Bible; its literary character and importance. Text-book: Price, "Ancestry of Our English Bible." 2 points. (not given in 1914-15).

2. Biblical Geography and History.—A general course that is intended to give the geographical background and main outlines of Biblical History. Text-book: Kent, "Biblical Georgraphy and History." 2 points. (not gvien in 1914-15).

3, 4. Hebrew History to the Exile.—The forerunners of the Semites; the origin of the Semites and their settlements; the social, political and religious history of the Hebrews thru the stages of nomadic origin, settlement in Canaan, monarchy and dissolution of the state. Text-book: Kent, "History of the Hebrew People." 2 points per semester. (given in 1914-15).

5, 6. Jewish History After the Exile.—The social, political and religious history of the Jews thru the stages of exile, return from exile, Persian and Greek domination, Maccabean struggle for liberty, and Roman conquest. Text-book: Kent and Riggs, "History of the Jewish People." 2 points per semester. (given in 1914-15).

7. Life and Teachings of Jesus.—The history of Palestine in the time of Jesus; the life of Jesus; the teaching of Jesus and its relation to the teaching of His day. Text-book: Rhees, "Life of Jesus." 2 points. (given in 1914-15).

8. The Apostolic Age.—The founding of the Christian Church; the life of Paul; the spread of Christianity; the history of the early church; the development of religious ideas and institutions through the period. Text-book: Purves, "The Apostolic Age." 2 points. (given in 1914-15).

9. History of Egypt.—The social, political and religious history of the Egyptians, particularly as it bears upon that of the Hebrews. Text-book: Breasted, "History of the Ancient Egyptians." 2 points. (given in 1914-15).

10. History of Babylonia and Assyria.—The social, political and religious history of the Babylonians and Assyrians, particularly as it bears upon that of the Hebrews. Lectures and text-book: Goodspeed, "History of the Babylonians and Assyrians." 2 points. (given in 1914-15).

11, 12. Old Testament Literature.—A careful study of the writings of the O. T. in the light of their historical setting and their literary form, as the foundation of an intelligent understanding of the Bible and an appreciation of modern literature. Seminar. 2 points per semester. (given in 1914-15).

13, 14. Apocrypha and New Testament Literature.—Like the preceding course, a chronological and analytical study of the writings of the Apocrypha and N. T. Seminar. 2 points per semester. (given in 1915-16).

15, 16. Biblical Archeology.—The exploration of ancient sites in Egypt, Syria and Babylonia, particularly as the discoveries illustrate the Bible. Seminar. 1 point per semester. (not given in 1914-15).

17, 18. Old Testament Hebrew.—Elementary course, Grammar, exercises and the reading of the Book of Genesis. This course is especially adapted to students who have the ministry in view, but is suitable also for those who desire some acquaintance with the elements of Semitic languages. 2 points per semester. (given in 1914-15).

19, 20. New Testament Greek.—A philological and exegetical study of selected portions of the New Testament in Greek. Some knowledge of Greek is required for this course. 2 points per semester. (given in 1915-16).

21, 22. Hebrew Exegesis.—A philological and exegetical study of selected portions of the Old Testament in Hebrew. Some knowledge of Hebrew is required for this course. 2 points per semester. (given in 1915-16).

23, 24. Biblical and Religious Problems.—A discussion of critical problems relating to the Bible and problems of religious belief. The topics of discussion are suggested by the class and the aim of the course is to be of assistance to the students in any difficulties that they may have. Seminar. 1 point per semester. (given in 1914-15).

25, 26. Church History.—The history of the Christian Church from its founding to the end of the Reformation. Text-book: Moncrief, "Short History of the Christian Church." 2 points per semester. (given in 1915-16).

27, 28. Comparative Religion and Missions.—The origin, historical development, chief characteristics, distinctive teachings and social values of the world's great religions; the attempted christianization of the non-christian religions; its difficulties and possibilities. 2 points per semester. (given in 1915-16).

29, 30. History and Agencies of Religious Education.—Aims and methods of the Jewish and Christian systems of religious education; the modern religious education movement; its history, aims and agencies with special emphasis on the equipment, organization and efficiency of the Sunday School. Lectures. 2 points per semester. (given in 1915-16).

31, 32. Principles and Methods of Religious Education.—A study of the significant psychological characteristics and the religious and moral interests and possibilities of the individual at each stage in his development; educational values of biblical and extra-biblical material and of the different types of expressional activity; how to utilize them most efficiently in the work of religious education. Lectures. 2 points per semester. (given in 1914-15).

33, 34. Problems in Moral and Religious Education.—A discussion of current moral and religious problems. Topics are assigned to individual students in view of their special interests and abilities and presented in a paper to the class for discussion. Seminar. 1 point per semester. (given in 1914-15).

Courses in any other Semitic language as well as Hebrew will be given upon request. All classes convene in Room 81.

RELIGIOUS EDUCATION

There is a very urgent and ever increasing demand at home and abroad for religious educators, directors and secretaries. Arrangements have been made between the Department of Biblical History and the School of Education whereby a course is offered that will qualify young men and women for positions of this kind. The full details of the course, the degree granted and other information are given in the School of Education, p. 46.

PHYSICAL TRAINING

James N. Ashmore, Physical Director.

Mollie Grubel, Physical Director for Women.

The department of physical training supervises and directs all gymnastics and athletic activities. The former embraces the usual courses in gymnastics and the latter includes baseball, basket ball, tennis, foot ball, track work, cross-country runs, etc. As far as possible, the activities of fall and spring are conducted out of doors, and indoor work confined to the winter months. The Director coaches the athletic teams, thus giving unity to the indoor and outdoor exercises of the institution.

REQUIRED WORK

At least two years' work and the attainment of two credit points in athletics is required of all regular and special college students. The prescribed work covers two periods per week throughout the Freshman and Sophomore years, and gives a maximum credit of one-half point per semester as collateral work. The actual credit given depends on regularity of attendance, satisfactory completion of the work and the attainment of a reasonable degree of physical development and skill.

The first year of required work is designed for Freshmen, and will consist of light and heavy gymnastics and athletic games and sports. The second year's work consists of special sports and exercises, and is designed for students who have attained the minimum of vigor, development and skill which should result from the work of the first year. Freshmen who have attained to this standard at the time of entrance, may be admitted to the second year course, but must still take two full years' work in athletics, either by repeating this course or in athletic team work, in order to make the required number of credit points.

No student may be excused from the prescribed work in athletics, unless allowed by special permission to substitute other work of equivalent credit. Such permission can only be granted on the presentation of reasons satisfactory to the Department of Physical Training and the Executive Committee of the University Faculty.

TEACHERS' COURSES IN ATHLETICS AND PHYSICAL TRAINING

These courses are designed to equip prospective teachers of athletics for the efficient administration of athletics and physical training in public schools, academies, colleges and Y. M. C. A.'s. Graduation from a four years' high school, or equivalent preparation, is prerequisite to entering these courses.

A special Teachers' Certificate for Athletics and Physical Training will be given to students who successfully complete these courses.

These courses are open as electives to all students, and may be combined with work in any other lines. They are intended both for those who aim to teach athletics as their special work, and for those who wish to add the teaching of athletics to that of other branches. They extend through two full years of work, but do not fill the student's entire time, as it is expected that he will in every case, whether specializing in athletics or not, elect some work in other departments.

TEACHERS' COURSES IN MANUAL TRAINING AND ATHLETICS

Because teachers of Manual Training find that they are usually expected to conduct athletics also, special provision is made to combine these courses with the Manual Training Teachers' Course. (See announcement of courses in Manual Training.) The successful completion of this combined course leads to a special Teachers' Certificate in Manual Training and Athletics.

Courses

A. Required Work.

1,2 and 3, 4. Athletics.—These courses extend thru two years, beginning with exercises in free gymnastics and in light apparatus and extending thru the usual exercises with heavy apparatus—all organized for the purpose of developing a symmetrical form, vigorous health, ready strength, and quickness of thought and action. Members of the various athletic teams of the university and those regularly practicing with them, will substitute such team work in its season for indoor gymnastics. But all members of athletic teams shall attend the regular gymnastic classes or the more advanced teachers' classes whenever their team-work is suspended. 2 hours per week, giving ½ point credit per semester.

1, 2 and 3. 4. Gymnastics for Women.—These courses extend thru two years and embrace hygienic, corrective and recreative exercises, including free gymnastics, fancy steps, clubs, wands, dumb-bells, games, etc. Their object is to improve bodily health, develop the vital organs, round out a symmetrical form, give grace of movement, teach habits of good posture in sitting and standing and make the entire body subservient to the control of the will. 2 hours per week, giving ½ point credit per semester.

B. Teachers' Courses in Athletics and Physical Training:

First Year

5. 6. Athletic Games.—This course includes a study of the major branches of sports: Football, Basket-Ball, Baseball and Track athletics, each sport being taken up in its season for study. The class periods are taken up with lectures on the game, the offense, the defense, a study of the rules, how to play the several positions, arranging of a schedule for that branch under discussion, planning a daily program of practice with methods of coaching. The student parallels the class work with practice on the field or the gymnasium floor, two hours per week being given to each. 2 points credit per semester.

7, 8. Normal Gymnastics.—A course in the theory and practice of the conduct of classes in physical training. A study is made of the nomenclature of gymnastics. The different systems of Physical Training and their various phases and application at the present time are studied from the writing of prominent exponents. Floor work accompanies the class work, two hours per week being given to each. 2 points credit per semester.

9, 10. Biology: Freshman Hygiene.—This course deals with the elementary principles of structure, use, and health of the human body, and is intended to give the student, early in his course, the information necessary to enable him to live sanely and realize the most possible from his bodily and mental equipment. Required of all students. 1 point credit per semester.

Second Year

11, 12. Advanced Athletic Games.—Deals with methods of coaching, training and managing athletic teams. Lectures and assigned reading on the History, Theory and Rules of the most important games, with practice on the field and floor under supervision. Practice in coaching. Theoretical and practical study of first aid to the injured, including causes, nature, and treatment of wounds, bruises, sprains, faints, shocks, etc.; poisons, antidotes, stimulants; bandaging, dressings, antiseptics, etc. Class work and practice work each two hours per week. 2 points credit per semester.

13, 14. Advanced Normal Gymnastics.—Lectures and assigned reading dealing with the history of Physical Training in ancient and modern times, and, especially with its development in Europe and America in the last century. Progress in recent ideas regarding the nature and means of Physical Training traced through writings of men prominent in the field to the present. Practice teaching. It is expected that opportunities can be furnished to conduct classes in the public schools, and to take charge of gymnastic classes under supervision, to manage meets, etc. History and uses of anthropometry and authropometric charts. The bearing of family and personal history on the present condition of the individual. The prescription of exercise. 2 points per semester.

15, 16. Biology: Anatomy and Hygiene for Physical Trainers.—Deals with such details and principles of structure and care as should be in the possession of any physical director who wishes to approach the subject scientifically. 1 point credit per semester.

THE SCHOOL OF ENGINEERING

THE FACULTY

George E. Fellows, Ph.D., LL.D., President.

Fletcher A. Gould, B.S. in C.E., Professor of Civil Engineering.

Beverly B. Burling, B.S. in E.E., Professor of Electrical Engineering.

Walter J. Risley, A.M., Professor of Mathematics.

John C. Hessler, Ph.D., Professor of Chemistry.

Thomas W. Galloway, Ph.D., Professor of Geology.

Benjamin B. James, A.M., Professor of Physics.

Robert J. Kellogg, Ph.D., Professor of Modern Languages.

Grace Patten Conant, A.M., Professor of English Language and Literature.

Philip Earl Douglass, A.B., Assistant Professor of Romance Languages.

Guy D. Rodgers, Instructor in Pattern and Foundry Work.

Admission to this school requires the completion of course I or course II in the Academy or its equivalent elsewhere. See pages 9 and 60.

Three two-year introductory courses in engineering are offered: Mechanical Engineering, Electrical Engineering, and Civil Engineering. The work is made thoroughly practical by the use of the shop, the laboratory and the field, and by visits of inspection to plants illustrating engineering practice. Decatur offers superior opportunities for such inspection and study.

The mathematics, drafting, physical and chemical sciences, modern languages, and much of the technical work demanded in the first two years of these three courses are very similar. The specialization leading to the degree in all engineering schools comes largely in the last two years in the course.

The courses for the Freshman and Sophomore years, as here outlined, are intended to fit students for entrance to Junior standing in the best engineering schools and colleges in the country.

Mechanical and Electrical Engineering

Beverly B. Burling, Professor of Electrical Engineering.

This course has been planned with the belief that the first essential to a successful engineer is a thorough training in mathematics, the physical sciences and in the fundamental principles of engineering. Attention is given, not only to the study of the theory, but to its practical application in the class-rooms, shops and laboratories. It is in harmony with the best courses in other engineering schools and gives a fine preparation for the Junior and Senior courses almost anywhere. The equipment for these courses is most ample as well as thoroly up-to-date in every respect.

COURSE OF STUDY FOR THE DEGREE OF B. S. IN MECHANICAL OR ELECTRICAL ENGINEERING

Freshman—

Trigonometry, Algebra, Analytics, Math., 5, 6			5.5
Chemistry, Chem. 3, 4	(6)	(6)	4.4
English, Eng. 1c, 2c			4.4
Carpentry, Pat. and Foundry, M. E., 1, 2	(9)	(9)	3.3
Drawing, C. E., 1	(12)	(0)	4.0
Descriptive Geom., C. E., 2	(0)	(8)	0.4

Sophomore—

Calculus, Math. 7, 8	(5)	(4)	5.4
Physics, Phys., 1,2	(7)	(5)	5.4
Mechanics, C. E., 20	(0)	(3)	0.3
Mechanical Drawing, M. E., 8	(9)	(0)	3.0
Kinematics, M. E., 9	(0)	(6)	0.3
Forging and Machine Shop, M. E., 3, 4	(6)	(6)	2.2
English or Modern Language			4.4

Junior and Senior Courses

Note.—The courses for the Junior and Senior years, tho not now offered here, are given herewith for convenient reference for students who may wish to take those years elsewhere, tho some modifications will probably be found in some institutions.

Mechanical Engineering

Junior—

Mechanics
Hydraulics
Direct Current Machines
Electrical Laboratory
Mechanical Laboratory
Machine Design
Steam Engineering
Stresses in Structures
Materials of Engineering
Machine Construction

Senior—

Thermodynamics
Machine Design
Gas Engines
Mechanical Laboratory
Philosophy
Specifications and Contracts
Dynamo Laboratory
Elective
Thesis

Electrical Engineering

Junior—

Mechanics
Steam Engineering
Hydraulics
Direct Current Machinery
Alternating Current Machinery
Machine Construction
Electrical Design
Electrical Laboratory
Mechanical Laboratory
Machine Design

Senior—

Thermodynamics
Gas Engines
Electric Railways
Power Distribution
Design of A. C. Machinery and Distribution Systems
Dynamo Laboratory
Thesis
Philosophy

See Apprenticeship and Electrical Construction courses below.

Description of Courses. Freshman and Sophomore

1. Carpentry and Wood-turning.—Care and the use of tools; exercises in laying out and in the construction of joints and other problems; wood turning; bench and lathe work.

2. Pattern Making and Foundry Practice.—The construction of patterns, core-boxes, flasks, etc., and their use in the foundry; moulding, coremaking, mixing metals and casting in brass and iron. Prerequisite, courses 1, M. E.

3. Forge Work.—Forging and welding in iron and steel; tool dressing, tempering.

4. Machine Work.—Chipping and filing, lathe, planer, drill press and milling work; laying out and finishing Prerequisite, course 3, M. E.

8. Working Drawing.—Engineering details and assembly drawings, tracing and blue-printing. Prerequisite, course 7, M. E.

9. Kinematics of Mechanism.—The relative motions of machine parts, including linkwork, cams, screws, belting, chains, toothed gears, quick return and parallel motion. The construction of point paths, centroids, velocity diagrams, acceleration curves and the theoretical and approximate curves used in tooth outlines and cams. Recitation, lecture and drawing room practice. Text-book: Kinematics, Barr. Prerequisites, courses 5 and 6. Mathematics, and course 8, M. E.

Apprentice Courses

To meet the wants of young men who are unable to take a regular course in engineering, and who have a desire to enter one of the mechanical trades, the department in connection with the Academy work offers admission to courses in the following lines: (a) Carpentry and wood turning; (b) Pattern making and foundry work; (c) Machine shop practice and forge work; (d) Stationary engine and boiler practice; (e) Electrical construction.

All such students are also expected to take a course in mathematics, physics and mechanical drawing. The intention is to train to accurate, efficient work with their brains as well as their hands.

The University shops are fitted up with the latest machines and tools and the instruction is conducted along the lines pursued in the best modern shops.

These courses are only for such students as for good reasons do not wish to complete a full course in engineering. Students attaining sufficient skill may be able to earn part or all their tuition during the last semester at least. To those satisfactorily completing two years' work, 64 points, will be given a certificate showing proficiency in the line of work pursued.

Applicants must be at least eighteen years of age, though others may be admitted by special arrangements with the President. Students in these classes must conform to the regulations governing Academy students.

Electives in Electrical Construction Work

(For both College and Academic students.)

These electrical courses are intended primarily to give the student who does not wish to take an engineering course an opportunity to take some of the more interesting and non-technical portions of electrical work without any prerequisite other than his required work in the general sciences.

Periods and work to be arranged with the head of the Department.

Civil Engineering

Fletcher A. Gould, B.S. in C.E., Professor of Civil Engineering.

The general courses for civil engineers are similar to those preceding. The technical courses deal less with machinery and more with materials and surveying. The following are special subjects which are given by this department during the freshman and sophomore years:

Plane and Topographic surveying; railway surveying; engineering drawing, descriptive geometry and analytic mechanics.

The department is equipped with the necessary surveying and railway engineering instruments, including the compass, transit, level, chains, tapes, rods, flag poles, aneroid barometer, sextant, plane table, etc.

The cement-testing laboratory is fitted out with all the appliances necessary for making the standard tests. These are the Fairbanks tensile machine, Vicat and Gilmore needles for rate of setting, LeChatelier's specific gravity apparatus, sieves for fineness, boiling apparatus for accelerated tests, storage tanks, glass molding table, briquette molds, and a full set of other needed small instruments.

Summary Civil Engineering

Freshman—

Mathematics, (5, 6)			5.5
English, (1c, 2c)			4.4
Drawing, Engineering (C. E. 1)	(12)	(0)	4.0
Descriptive Geometry, (C. E. 2)	(0)	(8)	0.4
Carpentry, (M. E. 1)	(9)	(0)	3.0
Forging, (M. E. 3)	(0)	(9)	0.3
Chemistry, (3, 4)	(6)	(6)	4.4

Sophomore—

Calculus, (Math. 7, 8)			5.4
Physics, (Phys. 1, 2)	(7)	(5)	5.4
Surveying, (C. E. 3, 4)	(11)	(12)	5.4
Analytic Mechanics, (C. E. 20)			0.3
Railroad Curves (C. E. 5)	(0)	(3)	0.1
English or Modern Language, (3, 4)*			3.3

See Note Page 32. These Junior and Senior courses are not offered here now.

Junior—

Mechanics of Materials.
Hydraulics.
Railroad Engineering.
Graphic Statics.
Accounting and Auditing.
Geology.
Materials of Engineering.
Engineering Laboratory.
Stresses in Structure.
Bridge Design.
Direct Current Machinery.

Senior—

Elementary Law.
Philosophy.
Water Supply Engineering.
Sewerage.
Bridges and Structures.
Bridge and Structural Design.
Masonry and Concrete.
Masonry and Concrete Design.
Masonry and Concrete Tests.
Roads and Pavements.
Contracts and Specifications.
Tunneling.
Thesis.

Description of Courses, Freshman and Sophomore

1. **Engineering Drawing.**—Prerequisite. Plane and solid geometry. Required of all engineering students. Deals with care and use of drafting instruments and the theory and practice of orthographic and isometric projection, developments, and the elements of engineering drawing. One period a week is given to free-hand sketching and lettering. Text-book: Anthony's Mechanical Drawing. (12). 4.

2. **Descriptive Geometry.**—Prerequisite, Solid Geometry and Engineering Drawing (C. E. 1). Required of all engineering students. Text-book: Miller, Descriptive Geometry. 4.

3. **Plane Surveying.**—Prerequisite, Plane Trigonometry. Required of all civil engineering students. The work consists of two hours per week recitation work in the theory of surveying, with 9 hours per week field work. Practice is had in the use of the chain, compass, level and transit and later an extended survey is made of some tract of land which is platted in the latter part of the semester. Text-book: Breed and Hosmer's Principles and Practice of Surveying, Vol. 1, and Pence and Ketcham's Surveying Manual. (11). 5.

4. **Topographic Surveying.**—Prerequisite, Surveying 3. This is a continuation of course 3. It includes the use of the transit, stadia and plane table as applied to the methods of conducting an extended topographic survey. (12). 4.

5. **Railroad Curves.**—Prerequisites, Surveying 3. A study of the mathematics of simple, compound, reversed, parabolic and spiral easement curves; as well as the methods of staking out and computing earthwork. Text-book: Allen's Railroad Curves and Earthwork. (3). 1.

20. **Analytic Mechanics.**—Prerequisite, Calculus 7. This course consists of the study of those problems of mechanics which are the basis of all work in engineering design. Text-book: Hancock's Applied Mechanics for Engineers. (3). 3.

THE SCHOOL OF DOMESTIC ECONOMY

THE FACULTY

George Emory Fellows, Ph.D., L.H.D., LL.D., President.

Mabel Dunlap, B.S., Professor of Domestic Art.

Edna L. Skinner, B.S., Professor of Domestic Science.

Thomas W. Galloway, Ph.D., Professor of Biology.

John C. Hessler, Ph.D., Professor of Chemistry.

Robert J. Kellogg, Ph.D., Professor of Modern Languages.

Albert T. Mills, LL.B., A.M., Professor of History and Political Science.

Grace Patten Conant, A.M., Professor of English Language and Literature.

William M. Hekking, B.P., Professor of Theory and Practice of Art.

Benjamin B. James, A.M., Professor of Physics.

John E. Rouse, Ph.D., Professor of Education.

William Wilberforce Smith, A.M., LL.D., Professor of Economics and Sociology.

Philip Earl Douglass, A.B., Assistant Professor of Romance Languages.

Opal Riddle, Student Assistant in Domestic Art.

Myrtle McDaniel, Assistant Instructor in Domestic Science.

The courses offered by the School of Domestic Economy are designed to serve two purposes. The first is to offer elective courses which are advised and available as part of the general education of all the young women of the College. For this purpose a certain number of courses are offered having no prerequisites in science. The second is to offer a four-year course to those who wish to specialize in domestic economy. This course leads to the degree of Bachelor of Science in Domestic Economy.

Domestic Economy includes two specific lines of investigation and practice in the household arts.

(1.) Domestic Science, which embraces a variety of problems involved in the construction and equipment of the house, in the selection, preparation, preservation and economic uses of foods; in dietetics; in personal and public hygiene; in home nursing and in household administration; complementary courses in chemistry and physiology.

(2.) Domestic Art, which includes the various problems involved in the selection of materials for garments of all kinds and for the proper artistic furnishing of the home; the processes by which they are produced and prepared; economy in purchasing and using the same; the attainment of skill in sewing, cutting, fitting, and designing garments; the application of artistic principles in millinery; a historical and practical study of textiles and of spinning and weaving and household decoration; complementary courses in fine and applied arts.

TEACHERS' COURSE IN DOMESTIC ECONOMY.

Methods of Teaching Domestic Science and Domestic Art, which includes practice teaching, is made a special feature of these courses. The past year there has been opportunity for practice teaching in the Public Schools of Decatur. This arrangement will probably be continued indefinitely.

Course Required for the Degree of B.S. in Domestic Economy

Students in this course may major either in Domestic Science or Domestic Art. Certain subjects are required in both as follows:

Modern Languages	16 points*	
English Literature and Composition	16 points	
Education	8 points	
Psychology	4 points	
		44 points

*Or equivalent of two years in one language.

In addition, those majoring in Domestic Science are required to take—

Laboratory Science	24 points	
Domestic Economy Subjects	44 points	
History	4 points	
Applied Art	4 points	
Biology	4 points	
Electives	4 points	
Collaterals	4 points	
		88 points
		132 points

In addition, those majoring in Domestic Art are required to take—

Physics, Chemistry or Biology	16 points	
Domestic Economy	46 points	
History	8 points	
Fine and Applied Arts	12 points	
Electives	2 points	
Collaterals	4 points	
		88 points
		132 points

Summary, Four-Year Course, Domestic Science

Freshman—	Hours		Points
English, 1, 2			4.4
French or German			
Chemistry, 1, 2			4.4
Domestic Science, 3, 4	(5)	(5)	3.3
Domestic Art, 1, 2	(4)	(4)	2.2

Sophomore—	Hours		Points
English, 3, 4.			4.4
French or German.			
Chemistry, 5, 6.	(6)	(6)	4.4
Applied Art, 9, 10.	(4)	(4)	2.2
Domestic Science, 5, 6.	(5)	(5)	3.3

Junior—	Hours		Points
Psychology			4.0
History			0.4
**Biology, C. D.	(6)	(6)	4.4
Domestic Economy, 1, 2.			2.2
Domestic Science, 7, 8.	(4)	(4)	2.2
Domestic Art, 3, 4.	(5)	(5)	3.3

**If the student has completed Biology in the Academy, it will be an equivalent for the work in the Sophomore year, in which case the student will elect eight points from subjects not already in this course.

Senior—	Points
Education	4.4
Biology, 5.	4.0
Domestic Economy, 19, 20.	1.1
Domestic Economy, 17.	2.0
Domestic Economy, 15, 16.	2.2
Domestic Science, 18.	0.2
Domestic Science, 9, 10.	2.2

Students majoring in Domestic Science are advised to elect from the following:

Domestic Art, 5, 6.
Domestic Art, 11, 12.
Domestic Art, 13, 14.
Domestic Art, 17, 18.
Sociology.
English, 9, 10.
English, 11, 12.
Applied Art, 1, 2.
Applied Arts, 3, 4.
Fine Arts, 19, 20.
Bible Study.
Biology, 6.

Summary, Four-Year Course, Domestic Art

Freshman—	Hours		Points
English, 1, 2.			4.4
French, 1, 2 or German, 1, 2			4.4
Chemistry, 1, 2*.	(6)	(6)	4.4
Domestic Science, 3, 4.	(5)	(5)	3.3
Domestic Art, 1, 2.	(4)	(4)	2.2
Applied Art, 9, 10.	(4)	(4)	2.2

*Elective on approval.

Sophomore—	Hours		Points
English, 3, 4.			4.4
French, 3, 4 or German, 3, 4			4.4
Domestic Art, 3, 4.	(5)	(5)	3.3
Domestic Art, 11, 12.	(2)	(2)	1.1
Domestic Art, 17, 18.			1.1
Applied Art, 1, 2.	(4)	(4)	2.2
Applied Art, 13, 14.	(2)	(2)	1.1

Junior—	Hours		Points
Psychology			4.0
History			4.4
**Biology, C. D.	(6)	(6)	4.4
Domestic Economy, 1, 2.			2.2
Domestic Art, 5, 6.	(5)	(5)	3.3
Domestic Science, 5, 6.	(5)	(5)	3.3

**If the student has completed Biology in the Academy, she will be permitted to elect eight points instead from subjects not already in this summary.

Senior—	Points
Education	4.4
Biology, 5.	4.0
Domestic Economy, 19, 20.	1.1
Domestic Economy, 17.	2.0
Domestic Economy, 15, 16.	2.2
Domestic Science, 18.	0.2
Fine Arts, 19, 20.	1.1

Students choosing Domestic Art as their major are advised to elect from the following:

Domestic Art, 13. 14.
Fine Arts, 21, 22.
Manual Training, 9, 10.
Applied Art, 3, 4.
English, 9, 10.
English, 11, 12.
Biology, 6.
Chemistry, 1, 2.
Bible, 1, 2.

DESCRIPTION OF COURSES

Domestic Economy

1. Domestic Economy.—House structure, sanitation, and cost. This course includes the following topics: Evolution of homes, situation, plan, construction, drainage, water supply, heating, lighting, ventilation. Open to all college students. Lectures, class and reference work. First semester. 2 points.

2. Domestic Economy.—This course includes the study of artistic house furnishing as applied to floors, woodwork, ceilings, and walls; study of carpets, draperies, furniture and other household furnishings from their artistic and economic values. Continuation of Domestic Economy, 1. Second semester. 2 points.

15, 16. Domestic Economy.—Theory and practice of teaching domestic science and art. This course is designed to present methods of teaching domestic economy in schools of all grades. It includes a consideration of courses of study; school curriculum, equipment and cost of maintenance; planning and presentation of lessons to classes. (Hours for extra work arranged). Open to seniors in domestic economy. Lectures, class work and practice teaching. 2 points per semester.

17. Domestic Economy.—Household administration; evolution of family and home; present social value of home; organization of housheold; expenditure of income; care of house and family; systematic methods of housekeeping. Recommended to Juniors and Seniors. Parallel course, sociology; lectures, collateral reading. First semester. 2 points.

19, 20. Domestic Economy.—Graduation Thesis. Hours to be arranged. 2 points.

Domestic Science

3, 4. Domestic Science.—Cookery of Foods. This course includes a study of the classification, selection and preparation of food; changes effected by heat and cold upon different foods according to their composition. Lectures and laboratory work. Open to all college students. 3 points per semester.

5, 6. Domestic Science.—Experimental Cookery. This course includes a study of the production, manufacture, preservation and economic uses of foods, including adulterants and substitutes. Attention is given to the study of recipes, and the comparative cost of the materials involved with special stress on weights and measures, and the use of the thermometer in processes of cookery. Lectures and laboratory work.

Prerequisites—Domestic Science, 3, 4; Chemistry, 1, 2. Parallel Courses—Chemistry, 5, 6; Biology, C. D. 3 points per semester.

7, 8. Domestic Science—Preparation of Meals and Table Service.—This course includes the study, planning and cooking of breakfasts, luncheons, dinners and suppers, also various methods of garnishing and serving with especial regard to limitations of cost. This course will offer opportunity for demonstration cookery.

Prerequisites—Domestic Science, 3, 4; Domestic Science, 5, 6; Chemistry, 1, 2; Chemitsry, 5, 6.
2 points per semester.

9, 10. Domestic Science.—Dietetics. This course aims to present the fundamental principles of human nutrition, and to teach their application under varying conditions of health and disease. Typical dietaries are planned to satisfy various requirements in families.

Prerequisites—Domestic Science, 3, 4; Domestic Science, 5, 6; Domestic Science, 7, 8; Chemistry, 1, 2; Chemistry, 5, 6.
2 points per semester.

18. **Domestic Science.**—Home Nursing. This course includes a study of the care of family health; simple diseases and their prevention; the care of young children and invalids; invalid dietaries; first aid to the injured. It is recommended that Biology, 5, 6 be pursued as a parallel course. Open to all advanced students.
Second semester, 2 points.

Domestic Art

1, 2. **Domestic Art.**—Plain Sewing. This course includes practice in hand and machine sewing; application of stitches to under-garments and simple dresses; study and use of commercial patterns; knitting, crocheting, darning and simple embroidery; discussion of materials as to cost, widths, suitability and comparative wearing quality. Students provide their own material subject to the approval of the instructor. Open to all college students. 2 points per semester.

3, 4. **Domestic Art.**—Dressmaking. This course includes the making of unlined dresses in silk and wool suitable for school and afternoon wear; the discussion of materials as to cost, widths, required amounts, suitability and comparative wearing qualities; drafting, cutting and fitting of patterns; drafting, cutting and making of tailored shirt waists; discussion of Consumers' League work in connection with the economic and social problems of the needle trades. Students provide their own materials subject to the approval of instructor. Lectures and laboratory work. Prerequisites D. A. 1, 2. Parallel courses A. A. 1, 2 and D. A. 11, 12. 3 points per semester.

5, 6. **Domestic Art Shop Work.**—This course is organized on regular shop plan, giving skill in handling a wide range of materials, and experience in meeting the various problems involved in a well-regulated dressmaking establishment. Lectures and laboratory work. Prerequisites D. A. 1, 2 and D. A. 3, 4. Parallel course D. A. 17, 18. 3 points per semester.

11, 12. **Domestic Art.**—Millinery. This course includes practice in making frames from buckram, willow and wire; covering with velvet, net and straw; lining and finishing; pressing and renovating velvet and ribbons. Students furnish their own material subject to the approval of the instructor. Prerequisite D. A. 1, 2. 1 point per semester.

13, 14. **Domestic Art.**—Fine Needlework. This course includes the making of French embroidery suitable for lingerie, dress and household linens; shadow embroidery; Irish crochet; tatting, knitting, cross-stitch and Swedish weaving; French knots, rick-rack, Munich embroidery and cut-work. Elective to students having a knowledge of plain sewing with some skill in needlework. Students furnish their own material. No laboratory fee with this course. 1 point per semester.

17, 18. **Domestic Art.**—Textiles. This course includes the study of the primitive forms of textile industries and the development of these into the present methods of spinning, carding and weaving; the growth, manufacture and finishing processes of cotton, wool, silk and linen; the testing of fabrics for adulterants. Students are given opportunity for practical work on looms in weaving of rugs, table-runners and towels. 1 point per semester.

Special Teachers' Certificate Courses

A two-year teacher's certificate course in Domestic Art or Domestic Science is offered under the following conditions:

1. The candidate must present the regular college entrance requirements, and,

2. One or more years of experience in teaching or administrative work of such character as may be approved by the College.

A three-year teachers' certificate course including the first two years' regular work and thirty-two hours additional designated work from the Junior and Senior college courses.

Special Certificates

Certifying the completion of two years' work in either department will be issued to students entitled to the same.

The requirements for the two-year course for the certificate in Domestic Science are:

Domestic Science subjects	28 points
Domestic Art subjects	10 points
Chemistry	8 points
English	8 points
Education	8 points
Applied Art, 9, 10.	4 points
Total	66 points

First Year—

Domestic Economy, 1, 2.	(2)	(2)	2.2
Domestic Science, 3, 4.	(5)	(5)	3.3
Domestic Art, 1. 2.	(4)	(4)	2.2
English, 1, 2.			4.4
Chemistry, 1, 2.	(6)	(6)	4.4
Applied Art, 9, 10.	(4)	(4)	2.2

Second Year—

Domestic Science, 5, 6.	(5)	(5)	3.3
Education.			4.4
Domestic Science, 9, 10.			2.2
Domestic Science, 18.			0.2
Domestic Economy, 15, 16.			2.2
Domestic Art, 3, 4.	(5)	(5)	3.3
Biology, 5.			4.0

Students pursuing the special Certificate Course in Domestic Science are advised to elect from the following:

Domestic Economy, 17.
Industrial History, 1, 2.
Fine Arts, 19, 20.
Bible.
Biology, 6.

The requirements for the two-year course for the certificate in Domestic Art are:

Domestic Art Subjects	26 points
Domestic Science Subjects	12 points
Fine and Applied Arts Subjects	12 points
History and English Subjects	16 points
Total	66 points

First Year—

Domestic Economy, 1, 2.			2.2
Domestic Art, 1, 2.	(4)	(4)	2.2
Domestic Science, 3, 4.	(5)	()5	3.3
Applied Art, 9, 10.	(4)	(4)	2.2
Fine Art, 19, 20.			1.1
English, 1, 2.			4.4
Domestic Art, 11, 12.	(2)	(2)	1.1

Second Year—

Domestic Art, 3, 4.	(5)	(5)	3.3
Applied Art, 1, 2.	(4)	(4)	2.2
Domestic Economy, 15, 16.			2.2
Domestic Economy, 17.			2.0
Biology, 5.			4.0
Education			4.4
English, 3, 4, or			4.4
History, 1, 2.			4.4

Students pursuing the special certificate course in Domestic Art are advised to elect from the following:

Domestic Science, 18.
Domestic Art, 17, 18.
Bible.
Biology, 6.

THE SCHOOL OF FINE AND APPLIED ARTS

THE FACULTY

George Emory Fellows, Ph.D., LL.D., President.

William M. Hekking, B.P., Professor of the Theory and Practice of Art.

Thomas W. Galloway, Ph.D., Professor of Biology.

Grace Patten Conant, A.M., Professor of English Language and Literature.

Robert J. Kellogg, Ph.D., Professor of Modern Languages.

Lorell M. Cole, Professor of Manual Training.

John E. Rouse, Ph.D., Professor of Education.

Elizabeth W. Putnam, Instructor in Design and the Theory and Practice of Fine and Applied Art.

Philip E. Douglass, A.B., Assistant Professor of Romance Languages.

Della F. Wilson, B.S., in F. and A.A., Instructor in the Theory and Practice of Applied Art.

Organization and Purpose

This school aims to so conduct its various departments that its students may not merely obtain a technical education. While the individual courses thoroughly undertake the problems in theory, practice and history, it is the constant endeavor of this school to hold up the ideals that have given Art a place in human life for all time.

It is with these purposes in mind that the school offers its seven large studios and work-shops for the study of art, in preparation for practical work as artists, illustrators or craftsmen, or as teachers in normal and high schools.

Degrees and Certificates

The school offers regular courses leading to the degrees of Bachelor of Science in Fine and in Applied Arts, and covering a period of four years' study. For those who find it impossible to pursue a degree course, a shorter course leading to a certificate, is offered. This course covers 3 years. Students who come exceptionally well prepared may complete it in 2 years with the approval of the faculty. Students not seeking college credit may enter certain classes of the school at any time if approved by the Director.

Admission

Candidates for admission to degree and certificate courses must present the equivalent of a 16 unit accredited High School course plus one year's preparation in drawing. Such study shall include one year's work in design and in mechanical and free-hand drawing, and one semester of perspective.

Outline of Courses

Requirements for the degree of B.S. in F.A. and A.A.:

Work in manual training or domestic art is recommended for electives.

Freshman—

English, 1, 2*	(4)	4.4
Biology, C. D.**	(6)	4.4
Design, A. A., 9, 10.	(2)	2.2
Sketch Drawing, F. A., 1a, 2a.	(4)	2.2
Cast Drawing, Water Color, F. A., 1, 2	(4)	2.2
Linear Perspective, F. A., 17.	(1)	1.0
Artistic Anatomy, F. A., 15, 16	(1)	1.1
Still Life, F. A., 3, 4	(4)	0.2

*2nd div. 2; 3rd div. 6 period.

**Or its equivalent in science.

Sophomore—

Clay Modeling, F. A., 11, 12	(4)	2.2
English, 3, 4***	(4)	4.4
French, 1, 2*	(5)	5.5
Painting in Oil, F. A., 9, 10	(8)	4.4
Pottery, A. A., 1, 2**	(4)	2.2
Copper-smithing, A. A., 3, 4**	(4)	2.2
Applied Design, A. A., 11, 12.	(1)	1.1
Bible History, 1, 2***	(1)	1.1

*Or its equivalent in a modern language.

**Or 7, 8.

***Or an elective.

Junior—

Pedagogy, 1, 1a.	(4)	4.0
History, 11, 12, or 2a or 2b	(4)	4.4
Portraiture, F. A., 9, 10.	(4)	2.2
Mechanical Drawing, M. T., 15	(4)	0.2
History of Painting, F. A., 21, 22	(1)	1.1
Art Appreciation, F. A., 19, 20.	(1)	1.1
Silver-smithing, A. A., 5, 6	(4)	2.2
Mural Composition, F. A., 5, 6	(4)	2.2
German, 3, 4*	(4)	4.4
Vocal Expression, 1, 2*	(1)	1.1

*Elective.

Senior—

Philosophy, 1, 2, 3, 4.	(4)	4.4
History of Architecture, F. A., 25, 26	(1)	1.1
Thesis, written, F. A., 29	(4)	
Thesis, painted, F. A., 30	(8)	0.4
Life Drawing, Painting, F. A., 7, 8	(4)	2.2
Aesthetics, F. A., 31	(1)	1.0
Advanced Modeling, F. A., 13, 14.	(4)	2.2
Elective		3.3

By special arrangement between the School of Fine and Applied Arts and the School of Education, the degree of "B.S. in Art Education" will be awarded to those satisfactorily completing the following course, with Fine Art as major study.

School of Education	20 points	
*School of Liberal Arts	24 points	
		44 points

School of F. A. and A. A.—

Structural Drawing	10 points
Design	6 points
Linear Perspective	1 point
Pictorial Composition	4 points
Anatomy	2 points
Clay Modeling	8 points
Water Color	4 points
Art Appreciation	2 points
Structural Painting	14 points
Mechanical Drawing	6 points
Art Histories	6 points
Aesthetics	1 point
Thesis	4 points
	68 points
Collaterals	4 points
**Elective Minor study (any school)	16 points
Total	132 points

*Must include 8 points in English composition; 8 points in History; 8 points in Laboratory Science.

**These points must be of consecutive or related character.

The above degree with Applied Arts as a special study:

*Applied Art	22 points
Design	9 points
Structural Drawing	10 points
Mechanical Drawing	6 points
Art History Drawing	6 points
Water Color Drawing	4 points
Perspective Draiwng	1 point
Art Appreciation	2 points
Clay Modeling	4 points
Thesis	4 points
	68 points

*Of which 8 points must be in Pottery.

Fine Arts

Studio Practice

1, 2. **Antique Drawing.**—It is essential that the student acquire a thoro knowledge of the underlying principles that govern intelligent draftsmanship. With this aim in view, the drawing from casts offers a logical introduction to the succeeding courses. (4). 4 Freshman. Prerequisite, F. A. B., or its equivalent.

1a, 2a. **Construction.**—The problem of tone values is introduced. The figure is substituted for the antique. (4). 4 Freshman.

3, 4. **Painting in Oils and Water-Colors.**—The aim of this course is to familiarize the student with the laws of color and harmony. Still-life is used. In season this work is carried on out of doors, in the study of landscape. (4). 4 Freshman, Sophomore and Juniors.

5, 6. **Mural Composition.**—This course aims to make a careful, methodical study of the laws governing the balance and composition of line, color and massing in a picture. To stimulate imagination the student is required to make studies for original decorative murals and other compositions. The advanced students are permitted to carry on their sketches for a thesis. The size is limited to 3 x 10 ft. (4). 4 Juniors, Seniors.

7, 8. **Drawing from Life.**—Recognizing the importance of the human figure in art, a thoro study of the construction of the figure is here insisted upon. The valued methods used in the French schools are carried out as closely as is practical. (4). 4 Junior, Senior.

9, 10. **Portraiture.**—The aim of this course is to give the student a thoro knowledge of the construction of the head. Models are used daily and emphasis is placed on the value of an intimate knowledge of artistic anatomy, a prerequisite and a parallel course. The advanced students are permitted to use varied mediums. (8). 8 Sophomore, Junior or Senior.

9a, 10a. **Illustration.**—This course aims to meet the present demand for competent practical designers and commercial illustrators. The course includes lettering, catalog creating and arranging; designing of covers, head and tail pieces, etc. The accent is continually placed on unique and original ideas. All practical problems are studied and analyzed. This course will only be open to students who have shown by their work in the preceding courses, or their equivalent, that they are sufficiently prepared.

11, 12. **Clay Modeling.**—This course aims to meet the requirements for normal work. It is an excellent elementary course for those students who wish to continue the fine arts work in the direction of sculpture. Castings from the chip and piece mould are made of the best problems. (4). 4 Sophomore.

13, 14. **Advanced Modeling.**—This course is designed to thoroly prepare the student for serious work in sculpture and practical decorative modeling. It is also aimed to give the normal student a better grasp of the subject. Daily models are used and original compositions developed. (4). 4 Juniors, Seniors and advanced specials.

History and Theory

15, 16. **Artistic Anatomy.**—Dealing with the bones and muscles of the body, illustrated with analytical sketches and lectures. A parallel required course to F. A. 1, 2, and of the utmost value to the life class student and in illustration work. Upon completing this course the student will be expected to be able to draw the human figure from memory, illustrate and to explain the salient points. (1). 2. Freshman, Sophomore.

17. **Linear Perspective.**—A scientific study of the principles governing mechanical and freehand.

19, 20. **Art Appreciation.**—A course leading to the understanding and appreciation of the artist's motives and methods, and to an intelligent analysis of the world's greatest masterpieces in art. Intended as an introduction to the study of aesthetics. (1). 2. Open to all students of the college.

21, 22. **History of Painting.**—This course will be given by means of lectures, recitations and collateral reading and is intended to lead to an intimate knowledge of the best examples of painting. 2. Sophomores, Juniors, or Seniors.

23, 24. **History of Sculpture.**—A comparative study of the best examples of Greek and Roman sculpture. 2. Given 1914 and 1916.

25, 26. **History of Architecture.**—A study of the different schools of Architecture, with a careful analysis of the different styles of ornamentation. 2. Seniors. Given 1915 and 1917.

27, 28. **Theory and Practice of Teaching Art.**—Treating of art as a factor in the public school education, planning a course of study for the elementary and secondary schools, presentation in the class room, practice in teaching under observation. Open to Art Seniors. 6. Given 1914 and 1916.

29. **Thesis.**—Graduation thesis to be along the line of original research on some topic in art or design.

30. **Thesis.**—Painted-subject must be approved by the director. (8). 4.

31. **Essentials of Aesthetics.**—The science of the beautiful as exemplified in nature and the fine arts, with especial emphasis on the arts of representation. Prerequisites, F. A. 19, 20. Second semester. Open to Fine and Applied Arts Juniors and Seniors only.

Applied Arts

Studio Practice and Theory

1, 2. **History and Craft of Pottery and Leather.**—This course is intended as an introduction to the crafts. The different materials of the handicrafts are considered from the standpoint of utility and beauty. The accent is placed upon clay and its decoration and glazing. The problems include the hand-building and throwing of vase forms and tiles, formation of intricate plaster moulds for poured pottery chocolate sets, etc., involving the duplication of a certain form. Six weeks devoted to the working of leather complete this course. Prerequisite, F. A., 9, 10. 4. Sophomore.

4. **Craft of the Coppersmith.**—This course considers advanced problems in clay construction, combined with copper to form articles of practical use for the table or desk. Designs completed in Applied Arts, 9, 10 are developed, introducing filing, sawing, piercing and beating copper and its subsequent decoration with repousse, champleve enamel, and other forms of decoration. Prerequisite, A. A. 1, 2; A. A. 9, 10. Open to properly qualified Sophomores and Juniors. 4.

5, 6. **Craft of the Silversmith.**—Dealing with the designing, forming and enriching with decoration of silver pins, rings, brooches, pendants and other forms of silver craft work. Constructive methods of stone setting, chain making, carving and enameling are studied and applied to these problems. Prerequisite. A. A. 3, 4, 9, 10. 4. Juniors and Seniors.

7,8. **Craft of the Goldsmith.**—The character and treatment of gold in ornament, with consideration of built-up designs. Review of the principles of preceding classes by the formation of large center table lamp involving the use of copper, pottery and stained glass. Care of the enamel, biscuit and glost kilns, preparation of firing tables. Analysis of glazes enter into the consideration of this problem. Prerequisite, A. A. 5, 6. 4. Seniors.

9, 10. **General Design.**—Study of the principles of design, with the history and development of historic ornament. This course is conducted by means of problems and collateral reading, photographs and examples of design. Studies and sketches of the various styles of ornament are required in order that the student may have a technical knowledge of the development of design and its relation to sculpture, painting and architecture, thus giving the student valuable knowledge in the various allied courses. Required of all Fine and Applied Arts, Domestic Art and Manual Training degree or certificate students. 4. Freshmen.

11, 12. **Applied Design.**—Design applied to the Art Crafts. Class work and lectures are required of all students taking Applied Arts courses 3, 4. Designs made in this class are used for all problems in the above metal working classes. 2. Sophomores.

13, 14. **Applied Design.**—Special training in the preparation of designs for weaving, stenciling, textiles, wall papers. Study of color harmony and design principles applied to house decoration. Required of Domestic Art students. Prerequisite, Applied Arts, 9, 10. Sophomores. 1.

15, 16. **Keramics.**—In this course all work must be original to secure college credits. Prerequisite, F. A. A, B, C, D.——A. A. A, B may be substituted for F. A. C, D. See "Special Keramics," for terms. 4.

Special Course in Keramics.—Instruction in this subject includes elementary principles of design and color harmony, the practical applications of designs to Keramics, use of tools and appliances, properties of paints, bronzes, lustres, gold, and methods of firing. Fees, payable in advance, are: One term, 9 weeks, 18 lessons, $10; two terms, 36 lessons, $18. Firing is furnished by the University at fifty per cent standard rates. A new kiln has recently been added which accommodates larger pieces than can usually be fired in college kilns. Recommended parallel course A. A. 9, 10.

17, 18. **Leather Decoration.**—This course takes up the practical application of design on leather as a medium of expression. At least a year of design is necessary as a prerequisite. 4.

20. **Decorative Lettering.**—A course designed to study artistic lettering with intent to practical use. 2.

Extra Examinations.—Students who find it impossible to attend scheduled semester examinations may take a special examination upon the payment of $3.00.

Fees.—All Studio and Shop courses require a maintenance fee, payable with tuition, of $2.00. This does not include materials used by students. In case 2 courses are taken in the same studio during one semester there shall be but a single fee for each semester. A small firing fee for pottery is collected by the teacher in charge of the pottery kiln.

Courses in F. A. 7, 8, 9, 10, 13, 14 require a model fee of $2.00, payable with tuition.

Permanent Student Exhibition.—The school reserves the right to hold as a permanent collection any article or work of art created by a student. Such work will then become a record of the high standard reached by successive classes.

THE SCHOOL OF COMMERCE AND FINANCE

THE FACULTY

George Emory Fellows, Ph.D., LL.D., President.

W. Wilberforce Smith, A.M., LL.D., Professor of Economics and Sociology.

Albert T. Mills, A.M., LL.B., Professor of History and Political Science.

Robert J. Kellogg, Ph.D., Professor of Modern Languages.

Grace Patten Conant, A.M., Professor of English Language and Literature.

John C. Hessler, Ph.D., Professor of Chemistry.

Frederick Juchhoff, Ph.D., LL.M., Associate Professor of Commerce and Finance.

H. C. Stanley, M. Acct., Assistant Professor of Accountancy and Commercial Practice.

The requirements for admission to the School of Commerce and Finance are stated on page 9 of this Bulletin. Students who do not offer bookkeeping for admission may take introductory work in this subject during the Freshman year, in regular Academy class. It is prerequisite for Accountancy, in Sophomore year.

The courses offered are designed to give scientific training of college grade as a preparation for business life. Students looking toward mercantile employment, banking, brokerage, manufacture, civil or consular service, transportation, accountancy, or commercial teaching, will find these courses introduce them to the study and interpretation of the matters with which they will have to deal in after life. The increasing magnitude and complexity of industrial and commercial enterprises render it expedient that those who aspire to any large measure of business success, obtain, as do professional men, an education planned with reference to their vocation. They should gain some insight into the causes and nature of economic developments and an acquaintance with the more important facts and rules that govern financial operations.

These studies, because of their obvious utility and close relation to current affairs, strongly appeal to young men, yet they are none the less intended and found effective for culture, developing sure mental habits, sane judgment and large outlook upon life. They may be commended to those who expect to become lawyers, journalists, farmers, and to those who have not yet chosen their vocation, and desire studies that will afford the discipline of liberal education together with knowledge most likely to prove of practical value.

Members of the School participate freely in all the general literary and social organizations of the College.

The course leads to the degree of Bachelor of Science in Commerce and Finance. For certain of the studies listed below, electives may be substituted from a large number of courses given in other departments of the University, such substitution being in every case subject to approval by the head of the School.

There is now an active demand for college graduates to teach commercial subjects in High Schools. Students preparing for this work may take, as electives, the professional courses requisite for State and County certificates, in the School of Education. See Announcement of requirements for the degree of "A.B. in Commercial Education."

Summary in Commerce and Finance

Freshman—		
English, 1, 2.	4.4	6 T. W. Th. F.
Chemistry, 1, 2. (6) (6)	4.4	3, 4 T. Th.
Or Physics, 1, 2.		3 W. F.
Geography of Commerce, C. F., 1, 2.	4.0	5 T. W. Th. S.
Industrial History, History, 2 a. b.	0.4	5 T. W. Th. F.
German, French or Spanish.	4.4	
Sophomore—		
Accountancy, C. F., 3, 4	3.3	4 T. Th. S.
Economics, C. F., 5 a. b.	4.2	5 T.(W.)Th.(F.)
Banking, C. F., 6.	0.2	5 W. F.
Industries and Resources of U. S., C. F., 7, 8.	2.2	4 F. 5 S.
History, 3, 4.	4.4	1 T. W. Th. F.
German, French or Spanish.	3.3	
Junior—		
English, 3, 4.	4.4	1 T. W. Th. F.
Elementary and Commercial Law, C. F., 9, 10.	4.4	2 W. Th. F. S.
Distribution and Transportation, C. F., 11, 12	3.3	4 T. W. Th.
Finance, C. F., 13, 14.	3.3	3 Th. F. 3 S.
Accountancy, C. F., 15.	2.2	6 Th. F.

Senior—

Constitutional Law, History, 7.	3.0	2 T. W. Th.
International Law, History, 8.	0.2	2 T. Th.
Psychology and Philosophy, (Phil., 1, 2, 3)	4.4	4 T. W. Th. F.
Foreign Commerce, C. F., 16.	0.2	1 F. S.
Administration, C. F., 17, 18.	4.0	1 W. Th. F. S.
Economic Problems, C. F., 19.	1.1	3 T.
U. S. Financial History, C. F., 21.	0.3	1 T. W. Th.
Sociology, C. F., 27, 28.	2.2	6 T. W.
Thesis, C. F., 25, 26...	2.2	

DESCRIPTION OF THE COURSES

The distinctive courses of the School of Commerce and Finance are twenty-five. The general University catalog may be consulted for description of the prescribed courses in English, Foreign Languages, History, Chemistry, Philosophy.

Commerce

1, 2. **Geography of Commerce.**—A study of material resources and their availability, industries and the natural causes of their development; diversities of soil, climate, mineral deposits, and of racial character, as the basis of commerce. 4. Freshmen.

7, 8. **Industries and Resources of the United States.**—A detailed and statistical study; the character, location and extent of natural resources, and of the industries based upon them, their history and probable developments. 4. Sophomores.

11. **Distribution.**—The manufacturer's and farmer's problem of marketing products, advertising and sales systems, produce markets, middlemen, etc. 3. Juniors.

12. **Transportation.**—Economic significance of modern development, organization and combination of railway systems, problems of traffic and rate-making, legislative control, the railways, inland navigation and coastwise commerce of United States. 3. Juniors.

16. **Foreign Commerce.**—Volume and character of imports and exports, governmental regulations, consular service, commercial methods and requirements of foreign nations, recent and prospective developments. 2. Seniors.

20. **Systems and Methods of Teaching.**—Penmanship, stenography, typewriting and bookkeeping; for those intending to teach commerce subjects. 1. Elective after Freshman year.

Finance

3, 4. **Accountancy.**—Science of constructing systematic records of business transactions; critical examination of the typical factors in capital and revenue accounts; forms of record and statement used in different enterprises; with illustrative problems and practice. Bookkeeping, a prerequisite. 6. Sophomores.

6. **Banking.**—Form and functions of currency and credit, bank accountancy, state and federal laws, foreign monetary and banking systems compared with those of the United States, fluctuations in the money market, reserves, note issue, the clearing house. 2. Sophomores.

13. **Finance, Private and Corporate.**—Investments, problems of capitalization, promotion and financing of construction and operation; combinations and re-organizations. 3. Juniors.

14. **Public Finance.**—Governmental revenue and expenditures, principles of taxation, customs, excises, municipal bonds, and sinking funds; public domain. 3. Juniors.

15. **Accountancy.**—Theory, law, and practice as to various reserves, special funds, fiduciary accounts, adjustments, and municipal accounting; purpose and fundamentals of cost accounting; auditing of accounts; with problems and practice. 4. Juniors.

17. **Administration.**—Organization and management of industrial and mercantile establishments; distribution of function and control. 2. Seniors.

18. **Administration of Civic Business.**—Records, publicity, ownership and operation of public service systems. 2. Seniors.

21. **Financial and Tariff History of the United States.**—Legislation, and experience with respect to currency, banking, debt, income, expenditure, also a history of the tariff policies of the United States. 3. Seniors.

Social Science

5 a, b. **Economics.**—A general study of the fundamental doctrines of political economy regarding the origin and nature of public and private wealth, land tenure, rents, money, credit, wages, organizations of capital and of labor, markets, insurance, taxes, public utilities, etc. 6. Sophomores.

9. **Elementary Law.**—The fundamental principles of American jurisprudence; outline and elements of statutory and common law and equity. 4. Juniors.

10. **Commercial Law.**—Contracts, bills and notes, bailments, agency, partnership, personal and real property, insurance, lease, etc. 4. Juniors.

Constitutional Law.—3. Seniors. See History 7.

International Law.—2. Seniors. See History 8.

19. **Economic and Social Problems.**—A study of current questions, such as control of corporations, elastic currency, trades unions, municipal reforms, indeterminate sentence, one or more of which may be chosen for special investigation. 2. Seniors.

25, 26. **Thesis.**—The subject must be chosen before November first of the Senior year, and approved by the head of the School. The thesis must be completed, in typewritten form, and placed in the hands of the advisory teacher by the first of May. It is expected to embody results of original investigation in the line of the student's future occupation. 4. Seniors.

27, 28. **Sociology.**—A study of social forces, laws, groupings, achievements, and of the population of the United States, its elements, growth and social characteristics. 4. Seniors.

THE SCHOOL OF EDUCATION

THE FACULTY

George E. Fellows, Ph.D., LL.D., President. Educational Administration.

John E. Rouse, Ph.D., Professor of Education. Psychology and History of Education.

Benjamin B. James, A.M., Professor of Physics. Art of Teaching and High School Management.

J. O. Engleman, A.B., Superintendent of Public Schools, Decatur, and Lecturer in Education. Principles of Education.

*Robert J. Kellogg, Ph.D., Professor of Modern Languages.

Grace Patten Conant, A.M., Professor of English Language and Literature.

Theophile J. Meek, A.B., B.D., Professor of Biblical History and Literature.

William M. Hekking, B.P., Professor of the Theory and Practice of Art.

Lorell M. Cole, Professor of Manual Training.

James N. Ashmore, Director of Physical Training.

Mabel Dunlap, B.S., Professor of Domestic Art.

Edna L. Skinner, B.S., Professor of Domestic Science.

Isabella T. Machan, A.M., Associate Professor of Latin and Greek.

Frederick Juchhoff, Ph.D., Associate Professor of Commerce and Finance.

William E. Snyder, Associate Professor of Piano Playing.

Gertrude D. Evans, Instructor in Art of Singing.

Purpose and Organization

The design of the School of Education is:

I. To afford the general college student an opportunity for the study of Education as a vital function of society.

II. To provide a thorough preparation, both cultural and professional, for those who expect to teach or who, as Christian educators, desire to fit themselves for certain practical phases of social and religious service.

III. To meet the needs of teachers residing within easy access to the University who may wish either to avail themselves of class instruction on certain days of the week or to pursue investigations along lines of individual interest.

To realize this aim, the School of Education seeks to assemble and to correlate most effectively those forces and agencies at Millikin which naturally contribute to the training of teachers and to the general promotion of high educational ideals. The teaching staff thus represents a great variety of interests, since it includes not only instructors in purely educational courses, but also many having charge of widely separated departments. Although the School of Education is not wholly distinct academically from several other Schools of the University, it has long been administratively co-ordinate with them. It starts with definite purposes peculiar to itself; it formulates programs of study to suit the needs of various groups of students; and it recommends the award of special degrees and certificates.

Courses of Study

Those who do not intend to teach, but who recognize the great social significance of Education, will be interested in History and Theory of Education, in Psychology of Childhood and Adolescence, and in the practical problems of Educational Administration.

Those who expect to teach or to become social and religious directors and secretaries are offered either a broad, yet specialized course, or a shorter one which emphasizes certain important essentials. The former course requires four years of study beyond the work of the accredited high school and is indispensable to those who choose Education as a profession. During the first two years the student lays a strong foundation in the cultural courses, especially Foreign Language, Mathematics, Laboratory Science, History, Government, and Philosophy. He also receives a thorough training in the correct use of oral and written English, and may devote some time to

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*The following teachers in other Schools of the University give courses in the theory and practice of teaching their respective subjects.

the study of English Literature. In addition he takes a course in Hygiene and Physical Education, including both practical exercises and the theory of corrective gymnastics. During the last two years he specializes in the subjects which he expects to teach and also pursues professional courses in Educational Psychology, Educational History and Theory, High School Management, School Hygiene, Methods in Special Subjects, Observation and Practice Teaching, and School Supervision and Administration. Besides taking the regular studies, he is urged to participate in the various student activities which form such a prominent part of college life. A student who completes the four years' course satisfactorily will receive the Bachelor's degree in Education, A.B. or B.S., according to the subjects in which he specializes.

A short course in each of several departments is arranged for those whose time allows them only two years' study beyond the high school. These courses are intended primarily for those who expect to become supervisors and teachers of special subjects in elementary and in secondary schools. They include English, the subjects which are to be taught, Psychology, History and Principles of Education, Observation and Practice Teaching, Hygiene and Physical Education. A student completing a short course will receive a Certificate in Education and two full years' credit toward the Bachelor's degree given in the same department. Certificate courses are reported in connection with those leading to the corresponding degrees.

The Bachelor's Degree in Education

Students who meet the University entrance requirements and who complete satisfactorily the full four years' course of 132 points arranged by the School of Education, will receive the Bachelor's degree in Education. Those specializing in Liberal Arts, exclusive of Bible studies, will be awarded the degree of "A.B. in Education"; those in religious and kindred subjects, "A. B. in Religious Education"; those in Commerce and Finance, "A.B. in Commercial Education"; those in Fine or Applied Arts, "B.S. in Art Education"; and those in Manual Training, "B.S. in Manual Arts Education." In each case specific mention will be made of the student's major and minor subjects within the above chosen fields of study. For example, "A.B. in Education; major, German, minors, French, European History." The subject of the graduating thesis shall be an educational topic, closely connected with the student's special field.

The New Certificating Law

The courses of study offered to prospective teachers by the School of Education have been arranged in view of the requirements of the new School Law of Illinois, going into effect July 1, 1914. By its provisions, county superintendents of schools are authorized to issue to graduates of a recognized Normal, College or University a three years' high school certificate without examination, on the basis of certified credits and faculty recommendations of ability to teach. The credits in question cover work in Education, English and six other high school branches. Elementary school certificates may also, under specified conditions, be issued without examination to graduates and to those completing certain courses of study. A certificate issued in one county of the State becomes valid in another county if endorsed by the superintendent of the latter. State certificates, as heretofore, are given only on examination, but graduates of recognized institutions are examined only in certain subjects, principally English and Education, with thesis requirement. State certificates are granted only to those who have had successful experience in teaching.

PHILOSOPHY AND EDUCATION

Philosophy

The following introductory courses in Philosophy form a useful basis for the intelligent study of Education. Course 1 is ordinarily prerequisite to all courses in Education, and the student is strongly advised to elect in addition either Courses 2 and 3 or Course 4. Open to Sophomores and Juniors.

1. General Psychology.—The main facts and principles of mental life in the normal human adult. The student learns to observe and to describe his own conscious processes, and he endeavors to understand them in terms of their conditions. Texts: Colvin and Bagley, Human Behavior; Titchener, A Text-Book of Psychology. First semester. 4 points.

2. Logic.—A brief consideration of the laws of clear thinking, deductive and inductive, with some attention to the special theories of scientific method, evidence and argumentation. Jones' text, with supplementary reading and exercises. First term, second semester. 2 points.

3. Ethics.—An examination of the various types of activity, and an attempt to formulate a broad ideal by means of which to interpret human conduct. Original papers on practical topics. Text: Dewey and Tuft, Ethics. Second term, second semester. 2 points.

(4. History of Philosophy.—The course traces briefly the development of thought since the early Ionic Greeks, and it aims to acquaint the student with the general standpoint of Philosophy and its relations to Life, Art, Science and Religion. Lectures, discussions and readings. Jowett's Plato and Rand's Modern Classical Philosophers. Text: Rogers, A Student's History of Philosophy. Second semester. 4 points.

Omitted in 1914-15. Courses 2 and 3 and Course 4 are offered in alternate years.)

Education

Courses in Education may be elected by all students, and in any order best suiting their needs and convenience. The general student will be interested in Courses 1, 4, 7 and 10. Those expecting to teach should take Courses 1, 3 and 6, electing others as necessary. Philosophy 1 usually precedes or accompanies work in Education. It is well to take Philosophy 1 the first semester and Education 1 the second semester of the Sophomore or Junior year, thus laying a foundation for later courses in Education. Courses 11, 12 and 13 are valuable, not only for students specializing in Religious Education, but also for all prospective teachers.

1. History of Education.—A general survey of the historical development of educational theories and practices, especially in modern times. German and American school systems receive most attention. These are interpreted as expressions of the social, political, religious and industrial ideals which have determined the two peoples. Second semester. 4 points.

2. Educational Classics.—An intensive study of the content and historical setting of certain classics which signalize important movements in the development of educational thought and procedure. Rousseau, Froebel and Spencer are the authors chosen for 1914-15. First semester. 2 points.

3. Principles of Education.—The meaning and varieties of Education: the educative process is viewed from the biological, psychological, philosophical and religious standpoints, and an effort is made (1) to formulate a working definition of Education; and (2) to indicate some of the ways in which the conception thus gained may be best applied in actual school work. First semester. 2 points.

4. Childhood and Adolescence.—The main physical and mental facts in the development of the individual from infancy to maturity. The relative importance of heredity and environment as conditions of mental growth. Retarded and feeble-minded types and the various methods of diagnosis. Recent investigations in adolescence as a basis for the study of certain high school problems. First semester. 4 points.

5. Educational Psychology.—The course attempts to relate the main facts of General Psychology and Mental Development and to show their significance to the teacher. It discusses the learning process, attention, interest, play, work, fatigue and individual differences, and considers briefly the psychological aspect of methods used in teaching certain subjects and of rating and classifying pupils. Second semester. 4 points.

6. The School and the Recitation.—(1) The Elements of School Management and School Hygiene. The necessary qualifications of the teacher (a) as governor, and (b) as instructor. The conditions that contribute to easy control. Modern sanitary and hygienic precautions. (2) The Recitation. General underlying principles; the formal steps; drills; reviews; examinations; grading; credits. First semester. 4 points.

7. The High School and Its Problems.—The course of study, the individual subjects, the content of each, its connection with other studies and its specific educational value. The relation of the high school to the elementary school and to the college. The problems confronting the high school faculty, the relation of teachers to parents, to Boards of Education and to the community. Second semester. 4 points.

8. Class Observation and Practice Teaching.—Arrangements have been made with the Academy of the University and with the Public Schools of Decatur whereby students in Education have the opportunity to study the best methods of teaching the subjects in which they are specializing. They make a detailed report of each period of class observation and do collateral reading. In certain cases they also teach, usually under direct supervision. First and second semesters. 1, 2 points.

9. Methods in Special Subjects.—See courses listed in English, German, Latin, Domestic Art, Domestic Science, Fine and Applied Art, Manual Training, Commerce and Finance and Music. Teachers' courses in other subjects may be arranged by application to the department directly concerned. First and second semesters. 1, 2 points.

10. Educational Administration.—The course discusses the following topics: the organization, legal status and control of school systems, state and municipal; the various social and economic factors determining their growth, development and general efficiency; the appointment, promotion and supervision of teachers; relation of public and private education. Second semester. 1, 2 points.

11. History and Agencies of Religious Education.—See Bible 29, 30.

12. Principles and Methods of Religious Education.—See Bible 31, 32.

13. Problems of Moral and Religious Education.—See See Bible 31, 32.

LIBERAL ARTS EDUCATION

The course is planned primarily for those desiring to equip themselves thoroughly to teach the cultural subjects in high schools. It provides a broad training in several branches, and yet allows sufficient time for specializing and for purely educational work. The degree given is "A.B. in Education." The studies are partly prescribed and partly elective.

One Foreign Language	16 points
English	16 points
Laboratory Science	8 points
Mathematics, Latin or Additional Laboratory Science	8 points
History	8 points
General Psychology	4 points
Education	20 points
Electives	48 points
Collaterals	4 points
Total	132 points

The work as outlined, except Education and Electives, is to be completed by the end of the

second year. The elective points are to be so distributed that during the student's four years of residence he shall have earned, exclusive of credits in English, 8 points in each of three high school subjects and 40 points in a group of three other high school subjects, closely related to each other. The group shall consist of a major study of 20 points, and two minor studies of 12 and 8 points, respectively. An example of such group would be: Mathematics, Physics and Chemistry. English may be used as a group subject, providing at least 8 points be offered in a high school subject other than the three first mentioned and other than the group subjects. The group requirement is made in view of the fact that the high school instructor is frequently asked to teach two or more subjects, and hence should have a thorough preparation in one and a sufficient training to enable him to teach the elements of at least two others. The student is advised to elect courses also in Vocal Expression and Biblical History and Literature.

The Short Course, leading to a Certificate in Education, concentrates upon a few subjects highly essential to the special teacher or supervisor.

English	8 points
Laboratory Science	8 points
Subjects to be taught	24 points
General Psychology	4 points
Education	16 points
Vocal Expression	4 points
Hygiene and Physical Education	2 points
Total	66 points

RELIGIOUS EDUCATION

The following course is recommended for those who propose to prepare themselves for religious leadership. Its purpose is the training of young men and women for salaried positions as directors of religious education. pastor's secretaries and assistants, Sunday School specialists, church visitors, deaconesses, Christian Association secretaries, field workers, missionaries, Bible teachers, and the like. The demand for such trained workers is very strong and is constantly increasing. The vocation is a most inviting one and offers an ever widening sphere of usefulness. The degree of "A.B. in Religious Education" will be granted to those who complete the course.

One Foreign Language	16 points
English	16 points
Biology	16 points
History	16 points
Psychology	4 points
Education	16 points
Biblical History and Literature	22 points
Religious Education (Bible 29-34)	10 points
Electives.	12 points
Collaterals	4 points
Total.	132 points

It is recommended that the elective points include courses in Sociology, Economics, and Vocal Expression. A very necessary requirement for pastor's assistants and general secretaries is stenography and typewriting, and hence these subjects should be studied before entering college.

A Certificate in Religious Education will be granted to those who complete a two-year course as follows:

English	8 points
Biology, 5, 6.	8 points
General Psychology	4 points
Education	14 points
Biblical History and Literature	20 points
Religious Education (Bible 29-34)	10 points
Hygiene and Physical Education	2 points
Total	66 points

COMMERCIAL EDUCATION

The following course in Commerce, Finance and Education is designed to meet the requirements of those desiring to teach commercial branches in high schools. The work offered is of strictly college grade and leads to the degree of "A.B. in Commercial Education." Candidates for graduation must include in their units for admission one unit in each of the following subjects: bookkeeping, stenography, typewriting, and penmanship. There is at present a most urgent demand for college-trained teachers of commercial subjects, and students who finish satisfactorily the comprehensive course here outlined will easily find desirable openings.

A Modern Language	16 points
English	16 points
Laboratory Science	8 points
Mathematics	8 points
History	18 points
Economics	4 points
Accounting.	10 points
Banking	2 points
Elementary Law	4 points
Commercial Law	4 points
General Psychology	4 points
Education	20 points
Electives	14 points
Collaterals	4 points
Total.	132 points

The student should choose Chemistry as his required laboratory science. The prescribed History comprises courses in U. S. History, Financial History, Industrial History and Constitutional Law. The Electives are to include 12 points chosen from the following courses, with points as given: Foreign Commerce, 2; Geography of Commerce, 4; Industries, 2; Resources, 2; Distribution, 3; Transportation, 3; Administration, 4; Finance, 3.

The Two Years' Course leads to a Certificate in Commercial Education. Certain essentials are emphasized and sufficient preparation is given for teaching successfully the elements of various commercial branches.

A Modern Language	8 points
English	8 points
Chemistry	8 points
Commerce and Finance	24 points
General Psychology	4 points
Education	12 points
Hygiene and Physical Education	2 points
Total	66 points

ART EDUCATION

The course supplies a thorough preparation for teaching Fine and Applied Arts in Normals and high schools, and leads to the degree of "B.S. in Art Education." Entrance requirements include one semester of perspective drawing and two semesters of mechanical drawing, design, and freehand. Students may enter who do not offer all of these subjects, but they cannot graduate until their conditions have been removed. The studies are mostly prescribed, though some choice of subjects is allowed.

Foreign Language	8 points
English	8 points
Laboratory Science	8 points
Fine Arts or Applied Arts	68 points
Electives	16 points
Psychology and Education	20 points
Collaterals	4 points
Total.	132 points

A student specializes either in Fine Arts or in Applied Arts, but he may choose the Electives from the one other than that in which he specializes, or he may choose them from any of the other Schools of the University, provided the courses be related to his specialty and form as a whole a minor specialty. This arrangement is made owing to the fact that a student may wish to teach other studies along with his main subject. These latter would most naturally be of a practical character, such as Manual Training, Domestic Economy or Music, but Liberal Arts branches would also be found useful.

A Two Years' Course, leading to a Certificate in Art Education, includes certain essential studies in Fine or in Applied Arts, in Education and in Liberal Arts. For details concerning the certificate course and also concerning requirements for the degree in Education, see School of Fine and Applied Arts.

MANUAL ARTS EDUCATION

The efficient supervisor or special teacher of Manual Arts must possess both technical skill and broad professional insight. To meet this double need, a course of study is offered which allows sufficient time for manual theory and practice, and yet provides for general educational work and for broad cultural training. The teaching of these practical subjects in elementary and high schools offers one of the best opportunities for social service, especially when such teaching is associated with instruction in gymnasium work and general athletics. The course leads to the degree of "B.S. in Manual Arts Education."

Foreign Language	8 points
English	8 points
Mathematics	8 points
Laboratory Science	8 points
Manual Training	18 points
Carpentry	4 points
Mechanical Drawing	12 points
Designing	4 points
Psychology and Education	20 points
Electives.	38 points
Collaterals	4 points
Total.	132 points

The 18 points in Manual Training may comprise work in wood only, or in both wood and iron, as may be preferred. Electives recommended are: Applied Arts, Wood Carving, Motive Power, History, Vocal Expression, Biology, Physical Education and Athletics.

The special Two Years' Course, leading to a Certificate in Manual Arts Education, emphasizes the history and principles of Manual Training, and gives ample opportunity for practice teaching. For further details, see Department of Manual Training.

HUGHEY SCHOOL OF CHILD CULTURE

Fannie E. McKinney-Hughey, Principal.

Fannie Bonner-Price, Assistant Principal.

The school includes two departments, a model school for little children, and a normal training department for teachers. Teachers in the Normal department have opportunity to observe teaching methods and child development and to do a certain amount of practice teaching in the children's classes.

The Hughey System is a new development in child culture. Its fundamental principle is to secure results by awakening and guiding the native interest and activity of the child. It begins by making use of the inherent love of childhood for rhythmic motion, pretty colors and sweet tones, to attract the attention of a child and to so interest him as to aid in the formation of the habit of concentration of thought. It employs the technique of vocal and instrumental music to develop right habits of action, and develops spontaneous effort to acquire knowledge and to apply it by giving to the real work the spirit and zest of play. Beginning with the association of simple colors and tones, it passes on the one hand to more advanced forms of musical study and composition, on the other hand to diverse objects and activities calculated to arouse the child's interest. The method is in many respects still in a developing and formative stage, but has already accomplished for its pupils results so far beyond the ordinary kindergartens and primary schools, that the soundness of the principles on which it is based may be regarded as fully established. Children are received from two years old upward, the teachers and normal students calling for the smaller ones at their homes.

CLASSES FOR LITTLE CHILDREN

Outline of Subjects Taught Through the Association of Color and Musical Tones.

- Voice Placing
- Tone Quality
- Dynamic Shading
- Sight Reading (Solos and Ensemble)
  - Singing
  - Piano
- Musical Composition.
- Songs
  - Miscellaneous
  - Devotional
- Nature Stories
- Action Songs
- Part Singing
- Piano Playing
  - Solos
  - Duets
- Memory Work
- Ear Training
- Eye Training
- Rhythm
  - Physical Culture
  - Ear Training
  - Pulse and Accent
- Dancing
- Form

Having laid the foundation with color and music, the little child is led naturally into the study of numbers, languages (English, French and German), care and control of the body, domestic and manual arts, painting and nature studies. Moral and religious training accompanies the daily guidance of the child in its play and in its orderly care of the materials used.

TWO YEARS' TEACHERS' COURSE

To meet the requirements of those who are preparing to teach children's classes, the following course of two years is offered. Those who complete satisfactorily the work as outlined and who prove their ability in the experimental classes, will be awarded a Certificate in Child Culture. Parents and others are cordially invited to avail themselves of the excellent facilities which the Hughey School places at their disposal for the study of child welfare.

English	8 points
French or German	8 points
Biology	4 points
Physiology	4 points
Hygiene and Physical Education	2 points
General Psychology	4 points
Child Study	8 points
Class Observation and Practice Teaching	12 points
*Hughey Color-Music Subjects	16 points
Total	66 points

*These include Vocal Culture and Expression, Musical History and Biography, Piano, Elementary Harmony and Public School Music.

SUMMER SESSION

The summer session opens June 1st, but pupils and students may enter at any time. The work of the summer session covers the same ground as that of the regular session, except that, owing to shortness of time, fewer collateral subjects can be elected from other schools of the University. Experienced teachers who have thoroly mastered the work of the first year, will sometimes be able to complete the second year course in the summer session.

For tuition charges and further information, address Mrs. Fannie E. Hughey, Principal.

MANUAL TRAINING

Lorell M. Cole, Professor.

The following courses are designed to give to the students such training as will fit them to take positions as teachers and supervisors of manual training. Students entering them must give evidence of having completed a course equivalent to that of a four years' high school course. A certain amount of technical training or experience may be accepted as part of the above requirements.

Those candidates who satisfy the college entrance requirements and who have supplemented two years of approved manual training work, with two years of regular college work, will be given the degree of Bachelor of Science in Manual Training. Said supplementary subjects must include at least one year of a foreign language, one year of English, one year of mathematics, one year of laboratory science, one semester of advanced pedagogy, and one semester of history of industries.

A two-year teacher's certificate course in Manual Training is offered to candidates who satisfy the regular college entrance requirements, and who in addition present with the following two-year special Manual Training course, at least one year of approved teaching experience or administrative work, or another year of college work.

A special certificate attesting completion of the special two-years' course in Manual Training will be issued to any student entitled to the same.

First Year

English, 1, 2.		4.4	1 T. W. T. F.
Manual Training, 8.			2 T. W. T. F.
Manual Training, 9, 10.	(4)	2.2	6, 7 T. Th.
Mechanical Drawing, 15, 16.	(6)	3.3	1, 2, 3, 4 M.
Carpentry, 21, 22.	(4)	2.2	3, 4 W. F.
Wood Turning, 12, 13.	(4)	2.2	3, 4 T. Th.
Applied Arts, 3, 4.	(4)	2.2	5, 6 W. F.
Applied Arts, 1, 2.	(4)	2.2	5, 6 T. Th.
Design	(4)	2.2	7, 8 F.
Wood Carving, 4.		2.	
Manual Training, 2.		.2	2 T. W. T. F.

Second Year

Education, 1.		4.	2 T. W. T. F.
History of Education		.4	2 T. W. T. F.
Manual Training, 1, 3.	(4)	2.2	3, 4 W. F.
Manual Training, 5, 11.	(4)	2.2	1 T. W. T. F.
Pattern and Foundry, 6, 7.	(4)	2.2	3, 4 T. Th.
Mech. Drawing, 17, 18.	(6)	3.3	5, 6, 7, 8 M.
Forging, 14, 149	(4)	2.2	6, 7 T. Th.
Mach. Shop and Motive Power, 19, 20.	(4)	2.2	1, 2, 3, 4 M.
Practice Teaching			

1, 2. Theory and Principles of Teaching Manual Training; History of Manual Training.—Prerequisites, Manual Training 9-12. About two-thirds of the time assigned to this course will be devoted to the study, investigation and discussion of manual training problems, and one-third of the time to History of Manual Training. Some of the topics considered will be: the place of manual training as a factor in mental development; the industrial phase of manual training; relation of art to manual training; history of the manual training movement; Sloyd and Russian systems; art and manual training; relation to the child; method of presentation in the class room; value of various processes in the different grades, etc. 4.

3. Organization, Equipment and Supplies.—Problems concerning the organization and equipment of manual training schools will be considered and existing practice investigated; cost of equipment, supplies and maintenance; design of apparatus, fixtures, etc. 2.

5. Theory of Woodworking.—This course will include a study of the physical properties and structure of wood; comparative value of different woods for manual training purposes; theory of tool action and tool construction; care of tools; principles of construction in wood, etc. 2.

8. Manual Training for Primary Grades.—This course will involve a study of the processes suitable for handwork in the lower grades of the elementary school, and practice in manipulating materials. It will include paper construction, cardboard work, and knife work. 4.

9, 10. Elementary Woodworking.—Instruction in the use of simple bench tools and in the construction of articles suitable for manual training in the higher grades of the elementary school. 6.

11, 12, 13. Advanced Woodworking.—Prerequisite, Manual Training 10. First semester. Practice in the use of ordinary bench tools, involving construction of articles suitable for manual training in the higher grammar grades and high school. Two semesters, wood-turning. 4.

Practice-Teaching.—Excellent opportunities for practice teaching are afforded.

In forging, mechanical drawing, pattern-making and machine-shop practice, comprehensive courses are given that fully cover the theory and practice in each subject. Each course is given with special reference to the pedagogical principles involved. In connection with the course in machine-shop practice, practical instruction is given in operating electric motors and steam and gas engines.

SHORT COURSE IN AGRICULTURE

THE STAFF OF INSTRUCTION

W. H. Rowe, Lecturer on Seeds.

F. C. Bauer, Lecturer on Soils.

C. E. Durst, Lecturer on Gardening.

W. W. Yapp, Lecturer on Dairying.

E. A. White, Lecturer on Farm Mechanics.

J. B. Burrows, Lecturer on Farm Mechanics.

B. B. Burling, Lecturer on Farm Machinery.

L. M. Cole, Lecturer on Carpentry.

B. S. Pickett, Lecturer on Horticulture.

F. A. Gould, Lecturer on Surveying.

W. F. Handschin, Lecturer on Animal Husbandry.

W. H. Smith, Lecturer on Animal Husbandry.

W. W. Smith, Lecturer on Farm Bookkeeping.

Miss Edna Skinner, Lecturer on Domestic Science.

Miss Mabel Dunlap, Lecturer on Domestic Art.

J. T. Wooters, Special Lecturer.

A. G. Smith, Special Lecturer.

Thru the co-operation of the Faculty of the School of Agriculture of the University of Illinois with the Technical Departments of the James Millikin University, a Six Weeks' Course in Scientific Agriculture was given, for the first time, in February and March, 1914. The course will hereafter be regularly offered under a similar arrangement between the two institutions. The work is presented in the form of lectures and conferences, and aims to give to farmers and others expert information in the field of agriculture and closely related subjects, such as machinery, concrete work, carpentry, business management and household arts. In addition to the series of lectures by the regular staff of instruction, special lectures on various topics of practical interest are given during the course of the term by experts in the fields concerned.

OUTLINE OF COURSE GIVEN IN 1914

Seeds—
Seed selection; value of good seed; corn; corn judging; wheat; oats; clover; alfalfa.

Soils—
Importance of soil conservation; soils and their uses; nitrogen and organic matter; phosphates; limestone; permanent soil; preparation of soil for various crops.

Gardening—
Planning and planting; productive gardening on the farm; condition of soils; cultivation; care of plants.

Dairying—
The place of dairying in diversified farming; value of the dairy industry; the dairy type of cow; developing the herd.

Farm Mechanics—
Plows, equalizers and hitches; silo construction; water systems; rope work (with practical demonstrations).

Farm Machinery—
Care, adaptability and use of machinery; the tractor; gas engines; tempering, brazing and welding of tools.

Carpentry—
The proper tools and their use; the planning of buildings; erection of buildings; painting; repairing.

Horticulture—
Pruning; spraying; tip, root and bud grafting (with practical demonstrations); insects and fungus diseases; insecticides and fungicides.

Surveying, Drainage and Concrete—
Proper drainage; practical surveying; concrete construction of buildings, feeding troughs, floors, walks, fence posts, etc.

Animal Husbandry—
Heredity; animal improvement; live stock; poultry.

Farm Book-keeping—
Business management on the farm; system of bookkeeping adapted to farm conditions.

Domestic Economy—
House arrangement and sanitation; household furnishings; household administration; foods; planning and preparation of meals; home nursing; dressmaking; millinery; needle work; textiles.

Special Lectures—
Farm efficiency; the county adviser; crop rotation; systems of farming.

For further information, address the President of the James Millikin University, Decatur, Ill.

MILLIKIN CONSERVATORY OF MUSIC

THE FACULTY

George Emory Fellows, Ph.D., L.H.D., LL.D., President.

Hermann H. Kaeuper, Director of the Conservatory of Music. (Absent on Leave.)

Daniel H. Bonus, B. M., Assistant Director of the Conservatory and Professor of Violin Playing and Theoretic Branches.

Ada Emilie Lindsay, A.B., Secretary of the Conservatory.

William Erhart Snyder, Professor of Piano Playing and the Art of Teaching Music.

Frederick H. Baker, Associate Professor of Piano Playing. (Deceased, Jan. 24, 1914.)

Miner Walden Gallup, Associate Professor of Piano Playing.

Ora B. Rogers, Instructor in Piano Playing.

Anna Whitmer McNabb, Instructor in Piano Playing.

William Everett Donovan, Instructor in Piano Playing.

Sylvia Fisk, Instructor in Piano Playing.

George Otto Lillich, Instructor in Piano Playing.

Ethel Mundy Primm, Instructor in Piano Playing and Harmony.

Grace Taylor Wandel, Instructor in Piano Playing.

William B. Olds, A.B., Professor of the Art of Singing.

Rose A. Borch, Associate Professor of the Art of Singing.

Eloise Bucher, Associate Professor of the Art of Singing.

Gertrude Darrett Evans, Instructor in Singing.

Nellie Lois Wasson, Instructor in Singing.

Edna M. Bunn, Professor of Pipe-Organ Playing.

Paul Burke, Instructor in 'Cello Playing.

Robert Walter, Instructor of Orchestral and Band Wind Instruments.

THE OBJECT OF THE CONSERVATORY

Millikin Conservatory of Music has for its object not only the diffusion of thoro musical knowledge but also the development and refinement of the minds, characters and tastes of those who come under its influence. The institution attempts for its students superior proficiency by a well regulated and scientific plan of instruction, not only for those who wish to devote themselves to music as artists and teachers, but also for amateurs whose chief object is to acquire a correct knowledge of music.

The advantages of instruction here are many. The proper conditions and appliances, with which to develop the talents of the students, are at hand. Students have the advantages free of cost of the study of ear training and sight reading, fundamental harmony, history of music, ensemble playing, public performance, etc., which are so very necessary to a complete musical training. Attendance at concerts and recitals is also free. Send for special illustrated catalog of the Conservatory of Music, in which many other advantages in this institution of musical learning are presented.

THE NEW CONSERVATORY BUILDING

Millikin Conservatory of Music is now located in the artistic new building, erected by the Trustees of the estate of Mr. James Millikin, the University's worthy founder and benefactor.

The building contains eighty-two rooms and Kaeuper Recital Hall. One is impressed by the refined dignity of color and line in the corridor and administration rooms. On the first floor, in addition to several teaching rooms and the recital hall, are the library, the general office, and offices of the director and secretary. The indirect lighting system used thruout the main floor has proved an advantage of great beauty.

The interior is in pure Gothic style. In planning this building the aim has been to make the Conservatory "homelike" rather than institutional in character.

The library in eucalyptus wood, finished in its natural color, with walls in a beautiful tone of green, is a room of rare beauty. The entire effect, with old English furniture and the charming ingle nook with its fireplace of tapestry brick, makes an inspirational place for study.

The director's office, with its massive furniture and large bay windows, is unusually attractive.

The Recital Hall for recitals, public performance classes, and lectures, has a seating capacity of two hundred. This room is considered a gem of art with its beautiful leaded-glass windows and its fine colors of gray and brown in the wood work and walls. The wood is bird's-eye maple finished in silver-gray color. The platform presents a charmingly designed Gothic organ screen back of the two grand pianos. This room impresses one with an atmosphere of dignified refinement and peace.

The basement, second and third floor rooms are for class and private teaching and practice purposes.

PLAN OF EDUCATION

Students of the Conservatory are classified as collegiate, academic and elementary.

Students are admitted to the collegiate department on completion of four grades of any practic music course with the accompanying collateral courses. Collegiate students begin the obligatory studies with the beginning of the year. Instruction is offered in all studies appertaining to each specialty, the more advanced education in solo and ensemble playing, solo and chorus singing, and participation in musical performance. The classes for training teachers of music are included in the collegiate department.

The academic and elementary departments are preparatory to the collegiate department, offering both general and special instruction. This arrangement gives even elementary pupils the advantage of instruction in a well-appointed school.

The highest ideals in musical art are kept constantly before the student, and the utmost care is exercised in every branch. It is the aim of every faculty member to develop genuine and sincere musicianship in the students.

Students are urged to continue their studies in the liberal arts courses so as to become broad-minded musicians.

The Conservatory follows the university plan of arranging courses of study. Credit is given for music toward graduation from the Millikin Academy and University, thus recognizing the educational value of music study.

DIPLOMAS AND CERTIFICATES

Diplomas are conferred upon students in the Collegiate Department who have been in the Conservatory at least one year and who have completed the required course in any practic subject with the required collateral work.

Certificates are issued to students in the Collegiate Department who have completed specified work.

For specific information concerning these honors read the complete catalog of the Conservatory. It is impossible to estimate the time it will require a student to complete any course of instruction. Some pupils take two years to accomplish what others can do in one year. So much depends upon the general educational ability of the student, the talent possessed, and the application to intelligent and conscientious study and practice. The individual needs of each pupil are considered in planning each group of courses.

BEGINNERS ARE WELCOME

Beginners are admitted, and may be assured, when commencing their studies here, that they will not later be compelled to retrace their steps, but that their progress will be certain and steady.

Some persons have the erroneous idea that the pupil should arrive at a certain stage of advancement before coming to the University for music study. This postponement is not advisable. It is of great advantage to a pupil to have his studies in the elementary grades directed according to the thoro and scientific pedagogic methods used in this Conservatory.

TIME FOR ENTRANCE

The collegiate year is divided into four terms but students may enter at any time and tuition will be charged for the part of the term remaining at the date of entrance. It is urged, however, that students begin their study as near the opening of the year as possible, so that they may obtain desirable hours for lessons, and gain the advantage of assignment to the first classes organized, thus losing none of the free instruction which is given to regular students.

COURSES OF STUDY

Outlines of the thirty-seven different courses offered in the Conservatory may be found in the special Conservatory catalog. The various titles of courses are enumerated in this catalog under the head "Tuition Fees," on page 55.

LITERARY-MUSIC COURSES

Academic and Collegiate

In harmony with the opinions of the most advanced pedagogical authorities, the University offers courses of study in the Academy and College which include the study of music as an integral part of an academic or collegiate education.

In combining music with the regular studies many advantages will accrue to the student. The value of music as a vital factor in broadening the mental faculties, in strengthening the moral character and in furthering the physical development is recognized as of equal importance with other elective subjects.

The Academic and Collegiate courses consist of four years' work each, in which the study of music, constitutes one-fourth of the required work.

The course for academic graduation includes:

Music	32 points
German, French, Latin or Greek	24 points
Mathematics exclusive of Arithmetic	10 points
English	30 points
Domestic Science, Chemistry or Physics	8 points
History	4 points
Fine Arts A, B, C and D	8 points
Biology	8 points
Collaterals	4 points
Elective	4 points
	132 points

Music is to be continuously and satisfactorily pursued during the entire course.

A student may take only one four-years' Literary course, either the Academic or the Collegiate, but not both of them. A regular High School or Academy graduate may pursue the Collegiate Literary-Music course but a graduate from the Academic Literary-Music course cannot enroll for the Collegiate Literary-Music course, but may enroll for a regular College course and take 16 points in College music courses as electives and count them toward College graduation. This is more fully explained under the next head, "Electives in Music."

The course for collegiate graduation includes:

Music	32 points
German, French, Latin or Greek	32 points
English Literature and Composition	16 points
Mathematics*	8 points
History and Economics	8 points
Biology	8 points
Philosophy	8 points
Collaterals	4 points
Elective	16 points
	132 points

*NOTE.—See page 16.

The above course leads to the degree of Bachelor of Science in Music.

ELECTIVES IN THE OTHER SCHOOLS

In the regular College courses leading to the bachelors' degrees, sixteen points in advanced college music may be used as electives; one-fourth of the points offered must be in theoretic subjects.

Eight points in Academy or College music may be used as electives in the preparatory courses in the Academy leading to the various schools in the College; one-fourth of these must be in theoretic subjects.

Note.—For other Music Courses write for the special Catalog of the Conservatory.

FREE INSTRUCTION

No one is able to obtain a thoro knowledge of music merely by taking private lessons in singing, piano, pipe-organ, or violin playing. Theoretic, scientific and historic courses of music are essential to the attainment of a thoro musical education. This Conservatory offers many courses free of cost to its pupils and strongly urges that as many of them as possible be taken. The Director will advise each student which of these courses should be taken.

We know of no other music school which offers so complete an array of theoretic, scientific and historic music courses and which gives so many free advantages to its students. In most reputable music schools, whether in large or small cities, large tuition fees are charged for similar courses, if offered at all.

Anyone who is not enrolled in the Conservatory may join these classes by paying five dollars a term, twenty dollars for a year, for each course.

Outlines of these courses and fuller information are given in the Conservatory of Music catalog which will be mailed to any one upon request.

The Free Courses

Essentials of Musical Theory
Elementary Harmony
Ear Training and Sight Reading
Appreciation of Music
Public Performance
History of Music
Physics of Music and Acoustics
Voice Ensemble
Piano Ensemble
Violin Ensemble
Men's Choral Club
Girls' Choral Club
Orchestra

THE CHORUS AND ORCHESTRA CLASSES

The chorus and orchestra classes meet each week and appear in concerts with the assistance of advanced vocal and instrumental pupils and with members of the faculty.

Pupils are admitted without charge to chorus and orchestra as soon as competent.

CONCERTS AND RECITALS

The Conservatory of Music presents during each scholastic year a series of concerts and recitals by its students, the Conservatory Orchestra and Choruses and members of the faculty. These events should be regularly attended by all students. The hearing of art works and the consequent acquaintance with musical literature forms an important part of a musical education. All persons interested have free access to these events.

SYMPHONY ORCHESTRAS AND ARTISTS' RECITALS

Each year, a brilliant series of orchestral and artists' concerts are presented for the enjoyment and education of the students and the general public. The artists' recitals are given by members of the faculty and leading concert artists. The Conservatory has presented the following recently: The Russian Symphony Orchestra, Modest Altschuler, Conductor—Bernard Altschuler, 'Cellist: The St. Louis Symphony Orchestra, Max Zach, Conductor—Hugo Olk, Violinist: The Minneapolis Symphony Orchestra, Emil Oberhoffer, Conductor—with solo artists; Luella Chilson Ohrman, Soprano; Barbara Wait, Contralto; Joseph Schenke, Tenor; Arthur Middleton, Bass; Richard Czerwonky, Violinist; Cornelius Van Vliet, 'Cellist; Henry J. Williams, Harpist; Leonora Allen, Soprano; Alma Beck, Contralto; Frederick Freemantel, Tenor; Enrico Palmetto, Tenor; Karl Scheurer, Violinist.

In addition to all of these, many concerts and recitals of high quality, by faculty and students, have been presented.

CHURCH MUSIC

Members of the faculty direct the music in many of the large churches in the city. Students have opportunity by singing in the choirs to study the best in church and oratorio music; or if not choir members, to hear these fine works.

MUSIC TEACHERS' TRAINING DEPARTMENT

The Normal Department has for its object the thoro training of teachers in piano, violin, voice and public school music in the Theory and Practice of Musical Pedagogy.

This Conservatory offers courses specially prepared for the training of teachers in the science and art of teaching, thus fitting them to train intelligently and scientifically the mental, physical and emotional powers of the pupil.

The full course in this department covers a period of two years, but a student who has the necessary strength and time for study may complete the full course in one year. The first year's work is devoted to general musical pedagogy for students preparing to teach either public school music, voice, violin or piano-playing. The second year's work is devoted to specific study for teachers in the above courses. The course in Theory and Practice of Public School Music includes the general principles of tone production, breathing, rote singing staff drill, rhythm, ear-training, solfeggio, two, three and four part songs, and thoro preparation for successful work as supervisor of music in public schools.

The course in Theory and Practice of Teaching Piano-playing embraces a thoro training in Leschetizky Principles of Technic and Interpretation. All elementary and advanced problems of piano teaching are carefully studied.

In the course in Theory and Practice of Teaching the Art of Singing, the special tasks and problems of the voice teacher are taken up and fully discussed.

The course in Theory and Practice of Violin Playing embraces all of the subjects and problems of the violin teacher.

The course in Psychology of Music is one of the requirements for teachers' certificates and may be taken in either the first or second year.

Students taking the second year's course are assigned pupils in the Conservatory of Music, whom they are permitted to teach under the supervision of the heads of these departments. Theoretic instruction thus combined with supervised practical experience in teaching is the ideal way of developing the teacher's equipment for his work.

Teachers' Certificates are granted to all who complete the course.

HOMES FOR YOUNG WOMEN

The young women of the Conservatory find delightful homes either in private families or at Aston Hall. For full particulars see page 10.

Students who prefer private homes will find no difficulty in locating pleasantly and at low cost. The Secretary of the Conservatory takes pleasure in giving students valuable advice, either by mail or interview, concerning board and room.

ADVANTAGES OF UNIVERSITY ASSOCIATION

The value of university associations for the student of the Conservatory of Music cannot be overestimated. As one of the schools of the University many advantages accrue to the music student either free of charge or for a small fee. The Liberal Arts, Fine and Applied Arts, Domestic Economy and other schools of the University offer many courses of study and practical work from which selections can be made for work to be pursued with the courses in music.

The student has many opportunities for pleasant and profitable social intercourse in the various literary, dramatic and fraternal societies. The Choral Clubs, and the Orchestra, are open to those qualified to do the work in these organizations.

Noted lecturers, educators and entertainers are presented to the students thruout the college year either free or at moderate cost.

Chapel privileges are open to all music students.

MUSIC LESSONS FOR CHILDREN

Elementary Department—Piano, Voice or Violin

The elementary department offers thoro instruction in piano, voice or violin at very low cost. To obviate the necessity of correcting faults which too often are formed by pupils incorrectly taught, a correct scientific training is of the greatest importance, especially to children. This fact is nearly always overlooked by parents and pupils, and the result is that beginners are too often entrusted to the teaching care of faulty instructors.

Lessons on Saturdays

All the class lessons in this department are given on Saturdays and, as far as possible, the private lessons also. To be certain of Saturday lesson assignments, register as early in the school year as possible.

Public Performance

All pupils in the elementary department have the privilege of appearing on the public recital programs of the elementary department as soon as they are competent, and of attending the class meetings for training and practice in public performance.

TUITION FEES

In Elementary Department

Piano Playing One private lesson each week in piano playing with an instructor and One class lesson each week in rudiments of music, elementary harmony and ear training; One class lesson each week in piano technic, and One class lesson each week in gymnasium. Fees vary according to instructor.	$2 or $3 for month of four weeks (4 private and 12 class lessons).
Singing or Violin Playing One private lesson each week in singing or violin playing. One class lesson each week in rudiments of music, elementary harmony and ear training; and One class lesson each week in gymnasium.	$2 per month of 4 weeks (4 private lessons and 8 class lessons).

Private Lessons Only	
Piano Playing	50 or 75 cents each, according to the instructor selected.
Singing	50 cents for each lesson
Violin Playing	50 cents for each lesson

In Academic and Collegiate Departments

Note.—Included in these prices for any branch of practic music the student has the privilege of taking the courses mentioned as free of charge. See "Free Instruction," page 53. When one considers this and the rapid advancement made by students under a well regulated system of instruction, it is readily seen that the terms are very low.

All class lessons are sixty minutes in length, all private lessons are thirty minutes, except by special arrangement at time of registration.

Tuition Fees are for a term of nine weeks payable in advance. Because the second and fourth terms each contain ten weeks a proportionate extra charge is made for these terms.

Practic Music Courses

The fees for practic courses vary according to the teacher selected. See "Tuition Fees" in Conservatory catalog which indicate specific fees for each teacher.

Per Term of 9 Weeks. Private Lessons	One Lesson Each Week	Two Lessons Each Week
Art of Singing	$4.50 to $13.50	$9.00 to $27.00
Vocal Diction	9.00	18.00
Vocal Expression—Public Speaking	9.00	18.00
Piano Playing	4.50 to 18.00	9.00 to 36.00
Piano Technic	4.50 to 18.00	9.00 to 36.00
Piano Accompanying and Ensemble	13.50	27.00
Pipe-organ Playing	18.00	27.00
Violin	4.50 to 13.50	9.00 to 27.00
Cello	13.50	27.00
Wind Instruments	9.00	18.00

Class Lessons	One Hour Each Week
Ear Training and Sight Reading (First Year)	Free of Charge
Ear Training and Sight Reading (Second Year)	$2.50 per term of 9 weeks
(Third Year)	$5.00 per term of 9 weeks
Vocal Diction—For Singers and Speakers	$5.00 per term of 9 weeks
Vocal Ensemble	Free of Charge
Men's Choral Club	Free of Charge
Girls' Choral Club	Free of Charge
Vocal Expression—1 to 5 hour lessons each week	$5.00 per term of 9 weeks
Piano Technic	$5.00 per term of 9 weeks
Piano Ensemble	Free of Charge
Violin Ensemble	Free of Charge
Orchestra—1½ hours each week	Free of Charge
Public Performance	Free of Charge
Physical Training—2 hours each week	Free of Charge

Theoretic, Scientific and Historic Music Courses

Private Lessons

These subjects are all taught in classes but private lessons are given to students who find it inconvenient to attend a desired class because its time of meeting conflicts with other engagements, or for any other reason. The charges for such private lessons are the same as for practic music courses taken in private lessons and vary from $4.50 to $18.00 per term of nine weeks for one lesson each week, according to the teacher selected.

Class Lessons	One Hour Lesson Each Week
Essentials of Musical Theory	Free of Charge
Elementary Harmony	Free of Charge
Appreciation of Music	Free of Charge
Physics of Music and Acoustics	Free of Charge
History of Music I (First year)	Free of charge
History of Music II (Second year)	$2.50 per term of 9 weeks
Advanced Harmony	$3.00 per term of 9 weeks
Music Form and Analysis	$3.00 per term of 9 weeks
Counterpoint, Canon and Fugue	$5.00 per term of 9 weeks
Composition	$5.00 per term of 9 weeks
Orchestration	$5.00 per term of 9 weeks

Music Teachers' Training Courses

Private Lessons

Students who desire private lessons in any course under this head may obtain them at the regular rates for private lessons with the teachers having these subjects in charge.

Class Lessons	
Musical Pedagogy	$5.00 per term of 9 weeks
Theory and Practice of Teaching Public School Music	$5.00 per term of 9 weeks
Theory and Practice of Teaching Piano Playing	$5.00 per term of 9 weeks
Theory and Practice of Teaching Singing	$10.00 per term of 9 weeks
Theory and Practice of Teaching Violin Playing	$10.00 per term of 9 weeks
Child Study and Elementary Psychology—4 hour lessons each week	$9.00 per term of 9 weeks
The Art of Teaching—4 hour lessons each week	$9.00 per term of 9 weeks
Psychology of Music	$2.50 per term of 9 weeks

GENERAL INFORMATION

Students enrolled only in the Conservatory of Music pay no fee except the music fees. Music students who take courses in the academy or college of the university pay fees in proportion to the number of subjects pursued. Information concerning these fees will be cheerfully given on application.

Practice rooms containing high grade pianos are available in the conservatory building for use by students. Regular practice hours are assigned to students by the secretary.

Students are strongly urged not to appear in public performances without consulting the teacher about the composition to be performed. Many unfortunate results have come to students who have consented to play compositions which were not ready for performance. This request is made because the faculty members consider the best interest of the student.

Students wishing to change their registration should not do so without first consulting the secretary. Much unnecessary inconvenience for office and student will thus be avoided.

THE CONSERVATORY OF MUSIC

THE SOUTHEAST ENTRANCE TO THE CAMPUS

Pupils, or those contemplating study, are invited to consult freely with the director concerning their studies, their plans for work and whatever may require attention.

Pupils may enter at any time, but will not be accepted for less than one term of nine weeks. Each pupil is advanced according to ability.

Students residing out of town, may receive all their weekly lessons during one or two attendances.

Parents and prospective students are asked to consult with the director or secretary as to the number and kind of lessons to be taken.

Each student is expected to attend all school recitals unless excused by the director.

Earnestness and regularity of attendance are counted in the awarding of certificates and diplomas.

The standing of each student in every subject studied is reported to the director by the teachers at the end of each term and is kept on record.

For the convenience of the pupils of the Conservatory a music store is conducted in the Conservatory building.

All students of the Conservatory of Music are expected to appear in public whenever asked by director or teachers.

All students are urged to take a musical magazine so as to keep in touch with the general advancement of musical art and to broaden the knowledge of music as an art and science. It is essential that those students wishing to teach have such helps.

A copy of this catalog will be mailed to any one whose address is sent, and desired information will be cheerfully given to all who write or call on the secretary,

Ada Emilie Lindsay, Decatur, Illinois.

MAIN CORRIDOR CONSERVATORY OF MUSIC

STUDIO DIRECTOR OF CONSERVATORY

THE ACADEMY

George Emory Fellows, Ph.D., LL.D., President.

Benjamin B. James, A.M., Principal.

The instruction in the Academy is largely given by the assistant professors and instructors named in the full faculty list. An effort is made in all these preparatory classes to give a thoro and comprehensive foundation for entrance upon regular college work, and upon life duties for those students not wishing to pursue their education farther. To these ends several courses are offered, with a reasonable number of electives.

The following is a brief outline of the courses:

(1). Preparing the student for entrance to the Decatur College or to the other leading colleges and universities of the United States;

(2). Preparing students for entrance to the special and technical departments of this or other universities; and

(3). Fitting students who do not desire to take more advanced work in the colleges, for certain trades and for business life.

Conditions of Admission

Graduates of the rural schools and of the grades in city and village schools are admitted to the classes in the Academy without examination. Candidates coming from other schools of like kind should present letters showing that they are in good standing in the schools from which they come.

Candidates for advanced standing will be expected to present satisfactory evidence of the completion of the antecedent branches in reputable schools, or pass an examination in them.

Courses Offered

The courses offered admit to the schools with corresponding designation, the graduates from the courses designated as Academy I. will admit to any school in the College, and from Academy II. to any of the technical schools.

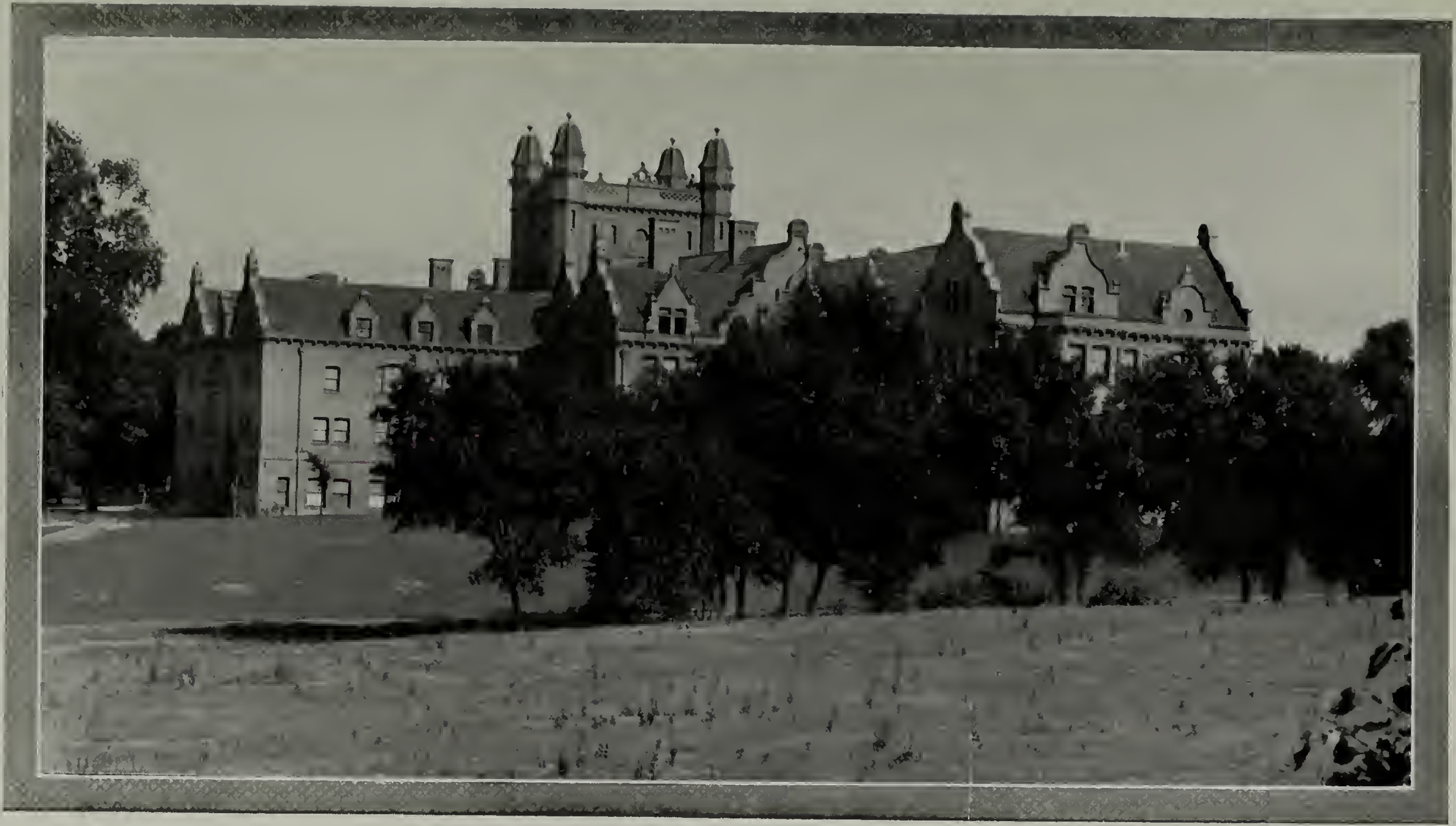
Graduation from the Academy in these courses requires the completion of four (4) years' work of two semesters each, sixteen (16) hours per week. This work may be selected from the courses outlined, but must include a total of 132 points (a point being one hour per week for one semester). Elective work may include manual training, drawing, domestic economy, music or business courses, not in excess of eighteen (18) points. Work in these departments counts as in the laboratories—one (1) hour of credit being given for two (2) hours of work, except in music.

ACADEMY I.—PREPARATORY TO SCHOOL OF LIBERAL ARTS

Required:

Latin	18 points
Greek, German, French or Latin	16 points
Mathematics (exclusive of Arithmetic)	20 points
English	30 points
Chemistry or Physics	8 points
Biology	8 points
History	8 points
Collaterals	4 points
Elective	20 points
Total	132 points

First Year—	Hours		Points
English, A. B.			5.5
Latin, A. B.			5.5
History, A. B.			4.4
Elective			2.2
Second Year—			
English, C. D.			5.5
Latin, C. D.			5.5
Algebra, C. D.			5.5
Elective			3.3
Third Year—			
Latin, E. F., or			5.5
German, 1, 2 or			5.5
French, 1, 2			5.5
Geometry, E. F.			5.5
Physics, A. B.	(7)	(7)	5.5
Elective			2.2
Fourth Year—			
Latin, G. H., or			5.5
German, 3, 4, or			4.4
French, 3, 4			4.4
U. S. History, E.			4.0
Civil Government, F.			0.4
Biology, C. D.	(6)	(6)	4.4
English, G. H.			5.5
Elective			3.3
Other Electives—			
Modern History, C. D.			4.4
Public Speaking, 1, 2			1.1
Vocal Expression, B.	(0)	(2)	0.2
Algebra, G.			5.0
English, E. F.			5.5
Adv. Arith.			0.5
Fine Arts, Applied Arts, Domestic Economy, Bible Study, etc.			



VIEW FROM NORTHWEST SHOWING CHAPEL AT LEFT

English

A, **B. First Year.**—The aim of the course is to give a solid foundation for subsequent work. Although the student will be introduced to the English classics, emphasis will be placed upon self-expression, both written and spoken. To this end drill will be given in reading and interpretation, and in memory work, grammar, spelling, punctuation, and general manuscript form. Any student who shows marked ability and the requisite knowledge, may be allowed, on the recommendation of the Principal and the instructors concerned, exemption from such portion of the work as seems advisable. Any second, third, or fourth year student who, in the judgment of his teachers, is deficient at any time in any of the fundamental habits of good usage in spoken and written English, must repeat in this course the work in which he needs further drill. 5 T. W. Th. F. S.

C, **D. Second Year.**—The aim of the course is to give an appreciation of the masterpieces of literature thru the study of selected English classics, and to develop his powers of writing and speaking thru oral and written themes. 1 T. W. Th. F. S. The following books will be used:

Shakespeare: "As You Like It."
Tennyson: "Gareth and Lynette;"
"Lancelot and Elaine;"
"The Passing of Arthur."
Dickens: "David Copperfield."
Addison: "Sir Roger de Coverley."
Selected— Short stories and tales.
Stevenson: "Travels with a Donkey."
Scott: "Ivanhoe."
Shakespeare: "Julius Caesar."
Hitchcock: Enlarged Practice Book.
Webster: Secondary School Dictionary.

E, **F.** Third **Year.**—The aim of the course is to create interest in American Literature thru the study of selected masterpieces from Franklin to Whitman. The study of Rhetoric will be introduced in advanced theme writing. The following books will be used: 3 T. W. Th. F. S.

Franklin: "Autobiography."
Parkman: "Oregon Trail."
Poe: "Short Stories."
Longfellow: Selected Poems.
Lowell: Selected Poems.
Whittier: Selected Poems.
Cooper: One Novel.
Lincoln: Selected Speeches.
Washington: "Farewell Address."
Webster: "First Bunker Hill Oration."
Thoreau: "Walden."
Irving: "The Sketch Book."
Hawthorne: "The House of Seven Gables."
Hitchcock: Rhetoric.

G, **H. Fourth Year.**—The aim of the course is to create interest in the progress of English poetry and prose thru selected writings from Chaucer to Browning. Rhetoric and Grammar will be studied in connection with advanced themes. The following books will be used:

Chaucer: "Prologue."
Spenser: "Fairie Queen," Bk. 1.
Shakespeare: "Macbeth."
Milton: Minor Poems.
Carlyle: "Essay on Burns."
Wordsworth: Selected Poems.
Keats: Selected Poems.
Shelley: Selected Poems.
Browning: Selected Poems.
Malory: "Morte d' Arthur."
Bunyan: "Pilgrim's Progress."
De Foe: "Robinson Crusoe."
Austen: One Novel.
Scott: One Novel.
Thackeray: "Henry Esmond."
Dickens: One Novel.
Hitchcock: Rhetoric and the Study of Literature.
4 T. W. Th. F. S.

Latin

A thorough training in the common forms of the Latin grammar is given. Exercises in grammar and composition supplement the reading of these early years. The classics have high value for purposes of general culture.

Latin

A, B.—Latin Lessons and select reading.
C, D.—Caesar; Gallic War, books I-IV. Composition.
E, F.—Cicero, six orations. Composition daily.
G, H.—Virgil's Aeneid, books I-VI. Selections from Ovid.

Modern Languages

Academy students are admitted to College classes in Modern Languages and may take the same as regular Academy classes under the following conditions: Course 1-2 under any language covers the ground for two years' high school work, and may therefore be taken to fulfill the Academy graduation or College entrance requirements in Modern Languages, but with a total credit of 12 points instead of 16, thus adding 4 to the number of elective points to be taken by the student. Students desiring the full number of points in Modern Languages may continue course 3-4 with a total credit of 20 points, of which 4 points will apply on electives.

For aims, plan of teaching and announcement of courses, see under College Announcement, page 26.

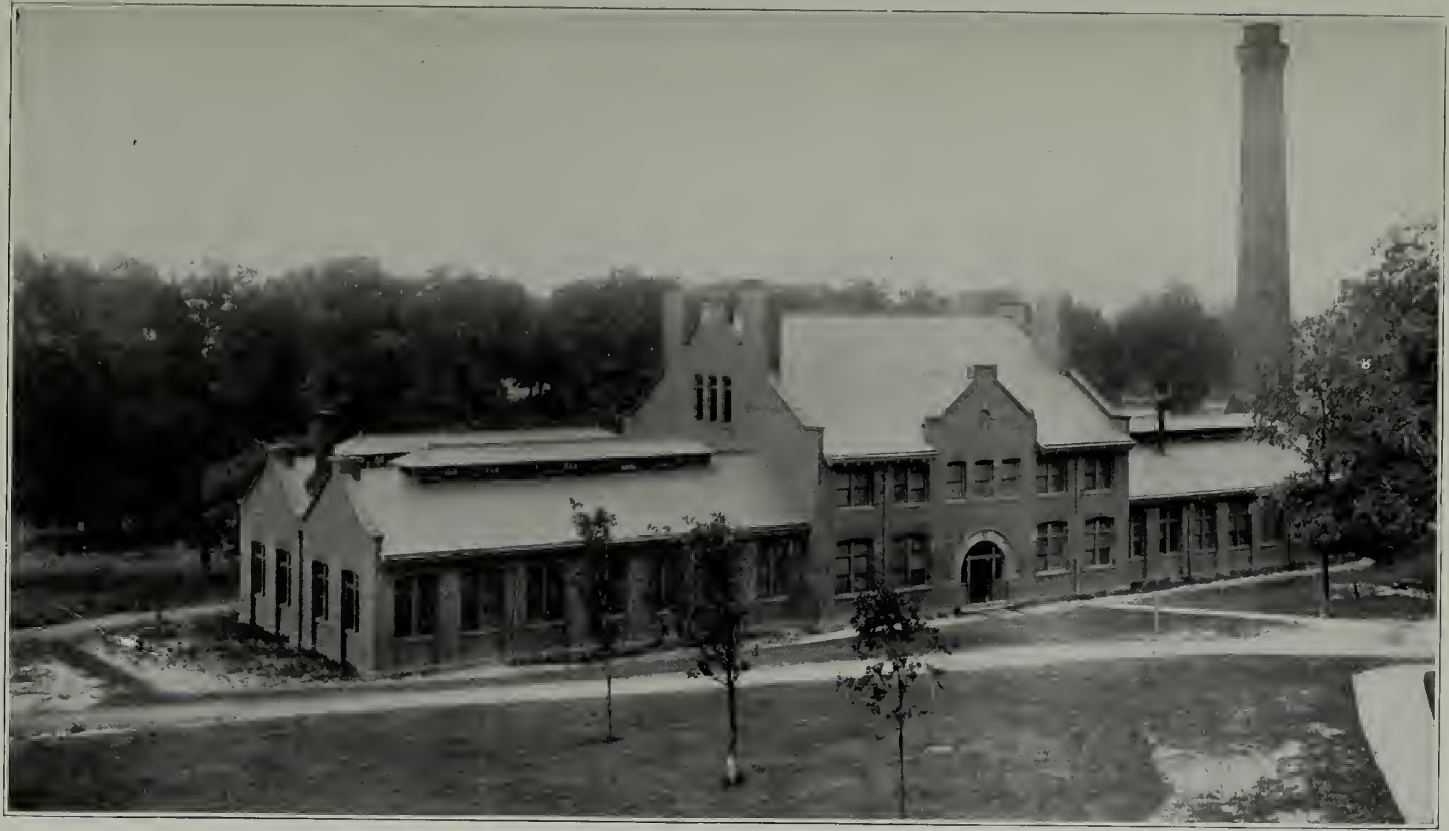
Mathematics

The value of mathematics, both as a means of training in exact reasoning and as furnishing a foundation for other sciences, pure and applied, has long been recognized by educators. The Academic course embraces the elements of algebra and geometry, two main, distinct lines of mathematical investigation. Both of these lines of mathematical thought have an immediate and important bearing on the special industrial, technical, and engineering courses, in addition to their introductory relation to the higher mathematics.

C, **D. Algebra.**—A first course, including quadratic equations. One year. Required of all students.

E, **F. Geometry.**—A course covering the usual theorems in plane and solid geometry. One year. Required of all students.

G. Algebra.—This is a course in quadratics, ratio, proportion, advanced equations, logarithms, etc., and a review course in the reduction of complicated radicals, fractions, factoring, etc.



POWER HOUSE AND MACHINERY HALL

H. Arithmetic.—This is a course for those who are taking up the subject with the desire to review and extend the knowledge previously acquired. The elementary processes of arithmetic are thoroly reviewed, followed by a study of ratio and proportion, series, logarithms, graphic arithmetic and some of the problems of commercial arithmetic.

History and Government

A. Ancient History.—A general review of the Oriental peoples and of the Greeks. Map drawing is a feature of the year's work. At 2:30. T. W. Th. F.

B. Ancient History.—A general history of Rome to the year 800, with special emphasis on the political institutions of the Romans. At 2:30. T. W. Th. F.

C. The Middle Ages.—The dark ages and the age of revival, with especial attention to the influence of the Christian Church. At 11:15. W. Th. F. S.

D. Modern European History.—The study begins with 1492, and includes the era of the Reformation, the era of political revolutions, and the establishment of modern nations. At 11:15. W. Th. F. S.

E. History of the United States.—A careful review of the essentials, for students who are planning to apply for certificates to teach, and for students who cannot plan to get American History in college. Map drawing is a special feature. At 10:20. W. Th. F. S.

F, 1. Civil Government of the United States.—An elementary study of the Constitution, with special intent to develop patriotism and respect for our national institutions. At 10:20. W. Th. F. S.

F, 2. Civil Government of Illinois.—To impart a knowledge of our political institutions, a study is made of the spirit of our government, its form, and its services. A visit to the Court House of Macon County and to the County Jail is one of the means to this end. At 10:20. W. Th. F. S.

Physics

The course in academic physics is primarily to impart as definite knowledge as possible of the more common laws governing the physical world and, incidentally, to cultivate habits of observation and accurate thought. Physics is usually the first in point of time and is always the most important experimental science taught in our schools. While it is not required for entrance to college in all courses, a broad culture is impossible without it.

A. and B.—Three recitations and four laboratory hours per week, five credits. Text-books: Henry Crew, "A Text-book of Physics;" Nichols, Smith and Turton. "A Manual of Experimental Physics."

This course deals with the general laws of mechanics, sound, light, heat, magnetism, and electricity with the object of teaching that the various phenomena follow definite laws, and of showing how closely and extensively physics is connected with our every-day life. 1 T. W. Th. F. S., 2 T. Th.

Chemistry

Courses 1 and 2 (or 3 and 4), Freshman (College) Chemistry, are open to regular fourth year Academy students who have had Academy Physics with laboratory work for one year.

Biology

The course in general biology is introductory to the more special courses in zoology and botany given by the College. It will include lectures, text-book, laboratory and field work. None of the laboratory sciences furnishes a better training in observation, experimentation, and recording of results than biology. The study of living things and their relations to each other and to their physical surroundings brings the student to consider some of the most interesting problems which nature presents to us. The practical value of biology is especially apparent in domestic science, in horticulture and agriculture, in medicine, and the like. The extent to which nature study is being introduced into the elementary schools gives an additional value to this course for prospective teachers.

A. The Elements of Physiography.—Second year of Academy, first semester. 4. 4 T. W. Th. F.

B. The Elements of Human Anatomy and Physiology.—Second semester. 4. 4 T. W. Th. F.

C. General Biology.—4. 1 W. F., or 1 & 2 S., and 2 T. W. Th. F.

D. General Biology.—4.
Courses C and D are not eligible separately.

Biblical History and Literature

The courses are all elective. They are necessarily more elementary than the College courses and are intended to be introductory to the latter. They are conducted along similar lines and aim to give the student a fairly thoro and systematic knowledge of the whole Bible.

A. Introduction to the English Bible.—What the Bible is; how we got our Bible; story of the Canon and Apocrypha; history of the English Bible; its literary character and importance; geography and peoples of Bible lands. Lectures and text-book: Smyth, "How We Got Our Bible." 1 point.

B. Bible Manners and Customs.—A study of the social, political and religious life of the Hebrews in the light of the manners and customs of modern Palestine. Text-book: Rice, "Orientalisms in Bible Lands." 1 point.

C, D. The Contents of the New Testament.—A chronological and analytical survey of the books of the New Testament—their contents and writers. Text-book: McClymont, "The New Testament and Its Writers." 1 point per semester.

E, F. Hebrew History to the Exile.—The forerunners of the Semites; the origin of the Semites and their settlements; the social, political and religious history of the Hebrews thru the stages of nomadic origin, settlement in Canaan, monarchy and dissolution of the state. Text-book: Kent, "History of the Hebrew People." Fourth year. 2.

Physical Training

First Year.—Exercises that will induce vitality, strength and the harmonious growth of the muscles; individual exercises to correct faulty positions of the body. Chiefly free work. Elementary work with apparatus.

Second Year.—Theory and practice of Free Gymnastics. Advanced work with apparatus.

Two years' work is required of all students.

ACADEMY II.—PREPARATORY TO SCIENTIFIC ENGINEERING AND OTHER TECHNICAL COURSES

The following course prepares for the collegiate Scientific Engineering and other technical courses. See the electives named in the note below.

First Year—

English, A. B.			5.5
Algebra, C. D., or			5.5
Arithmetic, A. B.			5.5
History, A. B.			4.4
Elective			2.2

Second Year—

English, C. D.			5.5
Geometry, E. F., or			5.5
Physiography and Physiology			4.4
Fine Arts, A. B.	(4)	(4)	2.2

Third Year—

German, 1, 2, or			5.5
French, 1, 2			5.5
Geometry, E. F.			5.5
Physics, A. B.	(7)	(7)	5.5
Manual Training, A. B., or	(4)	(4)	2.2
Applied Arts, C. D.	(4)	(4)	2.2
Algebra, G.			5.0
Advanced Arithmetic			0.5

Fourth Year—

German, 3, 4, or			4.4
French, 3, 4			4.4
English, G. H.			5.5
History, E.			4.0
Civil Government, F.			0.4
Manual Training, C. D.	(4)	(4)	2.2
Applied Arts, E. F.	(4)	(4)	2.2

Other Electives—

Public Speaking, 1, 2			1.1
Vocal Expression, B.	(0)	(2)	0.2

Students anticipating Engineering, Bookkeeping, Stenography and Typewriting, Bible Study and other technical courses may substitute from these electives for Manual Training and Applied Arts.

Manual Training

This course is open as an elective to all students in the Academy. Both the technical and educational elements are emphasized so that the course is equally valuable as a preparation for the study of engineering or as part of a general education. For the full four-year course for graduation in the Academy see summary above.

First Year A. B. Manual Training.—Joinery, 2 points. Manual Training, B. Wood-turning, 2.

Second Year C. D. Manual Training.—Pattern-making and Moulding or Advanced Bench Work, 4.

Third Year E. F. Manual Training.—Forging, 4.
Fourth Year G. H. Manual Training.—Machine-shop work, 4.

ACADEMY III.—COURSES IN DOMESTIC SCIENCE AND DOMESTIC ART

These courses are designed to meet the needs of those who may be unable to take the regular College work in domestic economy. It is arranged on the plan of the best high school courses which give a practical working knowledge of the fundamentals in the hand work of cooking and sewing. Those students who anticipate taking the professional work in domestic economy need this elementary work as a preparation for it. Those who are taking the regular literary course in the Academy will find these electives attractive and instructive.

Domestic Science

E, F. Food and Its Preparation.—Classes and suitable methods of cooking. Planning and serving of simple meals. Two semesters. 2 points each. 5, 6 W. F.

Domestic Art

G, H. Elementary Sewing.—A study of the simpler stitches and their application, cutting and making of underwear, waists, dresses, etc. Two double periods per semester. 5, 6 T. Th. Two semesters. 2 points.

Candidates for graduation in the Academy who may wish to include the domestic economy subjects in their courses and receive designation of the fact in their certificates, will be expected to complete the courses as summarized below:

First Year—

English, A. B.			5.5
Fine Arts, A. B.	(4)	(4)	2.2
Ancient History, A. B.			4.4
Elective			5.5
Collaterals			

Second Year—

English, C. D.			5.5
Algebra, C. D.			5.5
Fine Arts, C. D.	(4)	(4)	2.2
Elective			4.4
Collaterals			

Third Year—

English, G. H.			5.5
Geometry, E. F.			5.5
Physics, A. B.	(7)	(7)	5.5
Domestic Science, E. F.	(4)	(4)	2.2
Collaterals			

Fourth Year—

German, 1, 2, or			5.5
French, 1, 2			5.5
Biology, C. D.	(6)	(6)	4.4
Domestic Art, G. H.	(4)	(4)	2.2
Elective			2.2
Collaterals			

ACADEMY IV.—PREPARATORY TO THE SCHOOL OF FINE AND APPLIED ARTS

The purpose of the preparatory courses is to give a thoro technical preparation for the advanced work of the College, and may be counted as an elective in all Academy courses, two hours' work being counted as one point. Drawing completed in a high school of good standing is accepted as a partial equivalent. Fine Arts courses A, B, C, D may be substituted for eight points of Academy mathematics on approval of the President.

Fine Arts

First Year.—First semester, Fine Arts A. Elementary Freehand Drawing, 2; second semester, Fine Arts B. Light and Shade, 2.

Second Year.—First and second semester, Fine Arts C, D, Clay Modeling, 4.

A. Elementary Freehand Drawing.—Elementary training in pencil drawing from groups of still life and geometric solids, simple perspective, and elementary color. First semester. (4). 2.

B. Light and Shade.—This course offers full values in pencil, pen and ink, charcoal and monochrome from still life and casts; details of animal forms, pose sketching; introduction of water color sketching and sketching from nature. Prerequisite, Fine Arts A or its equivalent. Second semester. (4). 2.

C, D. Clay Modeling, Casting and Designing.—This course is designed to give a definite conception of form, useful in painting and designing. Modeling from the cast and photograph, plants, historic ornament and casting from chip and piece moulds. Prerequisite, Fine Arts B or its equivalent. Two semesters. (4). 4.

Applied Arts

First Year.—First semester. Fine Arts A, Elementary Freehand Drawing, 2; second semester, Fine Arts B. Light and Shade, 2.

Second Year.—First and second semester, Projections and Working Drawings, 4.

A, B. Projections and Working Drawings.—A course embracing the principles of projections and working drawings, introducing mechanical drawing. (4). 4.

C, D. Mechanical Drawing.—A course in mechanical drawing, introducing principles of machine construction, intersections of solids, details and tracings. Prerequisite, A.A. A, B. (4). 4.

ACADEMY V.—PREPARATORY COURSE IN COMMERCE AND FINANCE, AND ELECTIVE BUSINESS COURSES

These courses are arranged on the plan of the best commercial high schools and have in view two classes of students, those who desire the best preparation for college work in commerce and finance, and those who desire the high school training in commercial subjects preparatory to entering business employment immediately. The former do well to lay a broad foundation for future studies and defer certain subjects more completely treated in college, the latter should gain such knowledge of economic principles and the foundations of industrial welfare as is possible in the time at command. The choice of electives indicated below provides for this differentiation, and also for the needs of those who must still further limit their time of preparation for business and devote their efforts to a few practical subjects, such as penmanship, correspondence, shorthand, typewriting and bookkeeping.

Many students have found these courses suited to their need and, with the assistance which the faculty is always glad to give, have secured excellent positions. Capable and worthy young men and women are always in demand.

First Year—			
English, A. B.			5.5
Algebra, C. D.			5.5
History, A. B.			4.4
Penmanship, A.	(5)		3.0
Correspondence, B.	(5)		0.3
Second Year—			
English, C. D.			5.5
Arithmetic, A. B.			5.5
Physiography, Physiology			4.4
Bookkeeping, A. B.			5.5
Third Year—			
Acccunting, Office Practice, C. D.			4.4
Materials of Commerce, A. B.			3.3
Electives, from the following			10.10
Stenography, A. B.	(5)	(5)	3.3
Typewriting, A. B.	(5)	(5)	3.3
Physics, A. B.	(7)	(7)	5.5
German, 1, 2, or			5.5
French, 1, 2, or			5.5
Spanish, 1, 2			5.5
Fourth Year—			
English, G. H.			5.5
History, E. F.			4.4
Electives from the following			8.8
Economics and Banking, E. F.			3.3
History of Commerce, C. D.			2.2
Introduction to Commerce, E. F.			3.3
Biology, C. D.	(6)	(6)	4.4
Geometry, E. F.			5.5
German, 3, 4, or			4.4
French, 3, 4, or			4.4
Spanish, 3, 4			4.4
History, C. D.			4.4

Stenography.—(Gregg's Revised.)—Completion of Manual, business correspondence, law correspondence, lecture reporting, court reporting.

Penmanship.—Plain business writing and its application.

Typewriting.—The course in typewriting consists of ten hours work per week, five hours in class under direction of the instructor and five in practice work. The touch system of typewriting is taught. The work includes instruction in the mechanism of the typewriter, cleaning, oiling, and repairing of same, a thoro mastery of the keyboard and correct fingering, word drills, sentence writing, lessons in punctuation, spelling, business forms, legal forms, addressing envelopes, folding letters, tabulating, manifolding, etc.

REGISTRY OF STUDENTS

NOTE.—Many students listed as from Decatur belong to families recently coming to the city for the purpose of availing themselves of the advantages of the University. Some also thus listed are nearer other towns, but receive their mail via the Decatur rural routes. No effort is made to differentiate the candidates for degrees in the different Schools below the Senior class.

GRADUATE STUDENTS

Candidates for Degrees

Master of Arts

*Crow, William Leslie, A.B., University of Illinois, 1912; Philosophy, Falls City, Neb.
Magath, Thomas Byrd, Ph.B., Emory College, 1913; Biology, Oxford, Ga.
*Meiners, William W., A.B., Southern Minnesota Normal College, 1906; Philosophy, Austin, Minn.
*Sherman, Thomas E., A.B., Adrian College, 1911; Auburn Theological Seminary, 1890; History, Williamsburg, Iowa.

Electrical Engineer

*Wallace, Lloyd Scott, B.S. in Electrical Engineering, The James Millikin University, 1910; Boston, Mass.

—5

Not Candidates for Degrees

Bragg, Lucile Margaret, A.M., The James Millikin University, 1910; Domestic Art, Decatur, Ill.
Dean, Bessie Armstrong (Mrs.), B.S. in Domestic Economy, The James Millikin University, 1910; Fine and Applied Arts, Hays, Kans.
Handlin, Irene, B.S. in Fine and Applied Arts, The James Millikin University, 1907; Fine and Applied Arts, Decatur, Ill.
Schaub, Winnifred W. (Mrs.), Pratt Institute, 1896; Fine and Applied Arts, Decatur, Ill.
Trautman, Bertha, A.B., University of Wisconsin, 1911; English, Decatur, Ill.
Wood, Charline Fender, A.B., The Western College for Women, 1905; English, Decatur, Ill.
Yates, Harriet E., Pd.B., Warrensburg (Mo.) State Normal School, 1908; Fine and Applied Arts, Warrensburg, Mo.

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*In absentia.

—7

UNDERGRADUATES

Seniors

Bachelor of Arts

Ayres, Hila Augusta,	New Lenox
Dale, Sarah,	Decatur
Davis, Lelah Bell,	Decatur
Drobisch, Sophia M.,	Decatur
Fisher, Fay Lynton,	Decatur
Freyburger, Margaret Verl,	Decatur
Gearish, Charles Alanson,	Hoopeston
Henderson, William F.,	Decatur
Hessler, Margaret Constance,	Decatur
Hicks, Alice Irene,	Chicago
Irwin, Alta Eloise,	Normal
Jacobsen, Bessie Luella,	Niantic
Joel, Fred F.,	Canon City, Colo.
King, Lorin Hudson,	Divernon
McNabb, Margaret,	Decatur
Mason, Eula,	Fillmore
Mills, Andrew Hubert,	Decatur
Orr, Edna Belle,	Decatur
Pasold, Clara M.,	Decatur
Rosenstein, Miriam,	Decatur
Starkey, Arthur Logan,	Mattoon
Swanson, Ruth Pauline,	Hoopeston
Wilcox, Harriet Aurelia,	Rosemond

Bachelor of Science in Commerce and Finance

Crumbaker, Clarence Charles,	Bloomington
Hall, James Harvey,	Niantic
Tenison, Samuel Alfred,	Hillsboro

Bachelor of Science in Domestic Economy

Bishop, Bessie B. A.,	Decatur
McDaniel, Myrtle Vance,	Assumption
Milligan, Anna Stockton,	Spencer, Ind.
Morrison, Ethel Ruth,	Decatur
Nicholson, Ruth Marie,	Decatur
Redmon, Della Blossom,	Decatur
Riddle, Opal Dean,	Decatur
Shade, Harriet Ellen,	Decatur
Stoker, Ann,	Centralia
Threlkeld, Gayle,	Decatur
Welsh, Neva Clare,	Decatur

Bachelor of Science with Library Science

Lefever, Clara Frances,	Decatur
Montgomery, Ruth,	Decatur

Bachelor of Science in Music

Shipp, Dona Lucille,	Paris

—40

Juniors

Baxmeyer, Charlotte Emily,	Assumption
Bricker, Homer,	Maroa
Cannon, Paul Roberts,	Decatur
Coen, Roscoe C.,	Neoga
Collier, Elsie,	Decatur
Conel, Nina Cornelia,	Decatur
Craycroft, Robert Cairns,	Mt. Zion
Dallstream, Andrew John,	Hoopeston
Davis, Edith Verna,	Decatur
Davis, Mary Blanche,	Decatur
Dickerson, Guy Leon,	Clinton
Gelsthorp, Edna Gladdine,	Beason
Grady, Hazel,	Decatur
Grundy, Charles Edwin,	Morrisonville
Hart, Clyde,	Hillsboro
Hawver, Paul,	Decatur
Hessler, Herbert Eugene,	Decatur
Hoover, W. Senn,	Lovington
Horn, Mattie Virginia,	Ogden, Utah
Hostetler, Ruth Brooks,	Decatur
Houghton, J. Frank,	Petersburg
Hudson, Rowena Bell,	Decatur
Large, Ara Willard,	Owaneco
Lewman, Ruth Lorena,	Decatur
Lillich, George O.,	Latham
Long, Alexander,	Decatur
McDonald, Edmund Urban,	Decatur
McIntosh, Martha Gertrude,	Decatur
McMennamy, Anna Ruth,	Bethany
Meeker, Edna,	Decatur
Monroe, Jean Ellen,	Wheaton
Parkinson, Nellis Paul,	Centralia
Peterson, Harry M.,	Macedonia, Iowa
Phillips, Anna Marie,	Decatur
Pinnell, Mary,	Kansas
Prestley, Margery,	Decatur
Rogers, Bertha Fern,	Winchester
Shaw, Ivra Clemence,	Decatur
Springer, Emerson Cash,	Newman
Stokes, Hiram W.,	Edinburg
Stowell, Annie Genevieve Estelle,	Hannibal, Mo.
Wakefield, Bertha,	Heyworth
Ward, Joseph Leon,	Decatur

—43

Sophomores

Bailey, Leo L.,	Boody
Beltz, John S.,	Gardner
Bottrell, Beatrice Esther,	Decatur
Boyd, Eleanor Jane,	Mattoon
Bradford, Louise M.,	Champaign
Brown, DeLos Hight,	Centralia
Caldwell, Kenneth R.,	Decatur
Campbell, Mabel Bess,	Sandborn, Ind.
Childs, Agnes Edna,	Decatur
Coley, Glenn,	Pittsfield
Collins, Guy,	Garrett
Combs, Mayme Edna,	Decatur
Corzine, Lena R.,	Stonington
Cowen, Joy B.,	Harristown
Craig, Gertrude,	Mattoon
Curtius, Florence Marquise,	Carrollton
Davis, Frank W.,	Omaha
Dick, Carl A.,	Hammond
Dick, Vernon Frederick,	Hammond
Douglass, Curtis R.,	Coffeen
Drobisch, Raymond Wessells,	Decatur
Elder, Martha Croswell,	Watseka
Ellison, Wilber W.,	Mt. Vernon
Fruit, Bessie,	Decatur
Gillespie, Carolyn C.,	Decatur
Gillespie, Mary Ann,	Decatur

Graybill, Leo C.,	Decatur
Haggett, Lelia Lois,	Nauvoo
Hays, Marie A.,	Decatur
Hemple, Henry E.,	Decatur
Hiestand, Grace,	Martinsburg, Ind.
High, Kenneth W.,	Mattoon
Hinds, Almon W.,	Decatur
Holcomb, Wallace P.,	Centralia
Howenstine, Laura Belle,	Decatur
Irvin, Ray,	Patoka
Irwin, Doris Elaine,	Normal
Jenkins, Grover C.,	Decatur
Jones, Clarence Bosworth,	Streator
Kassebaum, Mary Esther,	Aurora, Ind.
Ketch, James Moss,	Decatur
Law, Litta Marie,	Streator
Lichtenberger, Raleigh,	Decatur
Lippe, Raymond Wills,	Champaign
McClanahan, June Irene,	Forrest
McDavid, Carroll M.,	Hillsboro
McDougle, Verne Russell,	Charleston
Marshall, Freda Marie,	Decatur
Martin, Ella Hazel,	Decatur
Modes, Sara Voorhees,	Decatur
Montgomery, John Alexander,	Greenview
Morrow, H. Lawrence,	Hume
Morrow, Hortense,	Newman
North, Florence Bernice,	El Paso
Norton, May,	Fairview
Orr, Frances Marie,	Decatur
Osburn, Reuel S.,	Wilmington
Pinnell, Grace,	Westfield
Pritchett, Carl W.,	Niantic
Randolph, Clara,	Alton
Reid, Leo W.,	Mt. Vernon
Riggs, Mildred Eleanor,	Atwood
Roby, Helen Elizabeth,	Decatur
Rooke, Marguerite,	Chicago
Rotb, Otto,	Stanford
Rumsey, Mary H.,	Mattoon
Russell, Carl R.,	Decatur
Shilling, Franklin William,	Decatur
Shurtz, E. Judson,	Decatur
Smith, Hilda Kathryn,	Metropolis
Smith, Ruth,	Carbondale
Smith, Thomas Casper,	Atwood
Stokes, Clifford Sharp,	Edinburg
Swanson, Paul C.,	Hoopeston
Taylor, Nellie Marie,	Chillicothe, Ohio
Tenison, Eda Marie,	Hillsboro
Van Deventer, Frank Macknet,	Decatur
Walraven, George Dodge,	Centralia
Wasem, Leslie F.,	Patoka
Watkins, Alice E.,	Decatur
Webber, Helen A.,	Decatur
White, Rono,	Charleston
Williams, Gladys,	Ritchie
Zimmerman, Ruby Elizabeth,	Decatur

—84

Freshmen

Acker, Arthur Louis,	Springfield
Aird, Paul Davis,	Cairo
Austin, Margaret,	Effingham
Ayres, Eloise,	Springfield
Bales, Blanche Josephine,	Centralia
Banta, Helen,	Decatur
Barackman, Milan Goodyear,	Streator
Barnes, Earl,	Decatur
Bassler, Alma Ruth,	Decatur
Bassler, Otis L.,	Decatur
Bean, Carolyn,	Decatur
Bean, Nellie Effie,	Sullivan
Bell, Vivian Gruelle,	Taylorville
Bennett, Robert B.,	Decatur
Bergeson, Myrtle,	Earlville
Bishop, Charles Corder,	Decatur
Boyle, Esther Hortense,	Hennepin
Boyle, Violet Beatrice,	Hennepin
Brown, Lisle Reeve,	Decatur
Buchta, Anna M.,	Edwardsville
Burke, Gordon H.,	Decatur
Busbey, Lucile,	Decatur
Busher, William Curtis,	Decatur
Cade, Harriet Louise,	Centralia
Caldwell, Eugene,	Havana
Carriel, Isabel,	Jacksonville
Cash, Arley M.,	Decatur
Casselberry, Ruth A.,	Nokomis
Catlin, Joseph Henry,	Springfield
Cox, Clarence C.,	Marion
Culver, Cora Louise,	Athens
Davis, Milford H.,	Blackstone
Dawson, Isabel,	Decatur
Dick, Mabel,	Arthur
Dillehunt, Martha Marie,	Decatur
Doyle, Katherine Adele,	Monticello
Duff, Leonard E.,	Decatur
Duvall, Wilbur C.,	Argenta
Entrekin, Bertha May,	Decatur
Field, Irene Harriett,	Clinton
Finn, Mary Alphonsa,	Decatur
Fisher, Helen Margaret,	Decatur
Ford, Roscoe Aaron,	Illiopolis
Frede, Gail Louise,	Stewardson
Fuller, Bessie Ellada,	Farmer City
Galloway, Elizabeth Joan,	Decatur
Garmon, John Walter,	Decatur
Gastineau, Everett F.,	Loxa
Gatewood, Jacob,	Bonnie
Gibson, Raleigh Augustus,	Decatur
Gill, Lowell,	Decatur
Gilman, Adelaide Betsy,	Harristown
Grandy, Marjorie,	Mason City
Gregory, Emma,	Decatur
Hall, Hazelle,	Vinton, Iowa
Hammet, Clarence Irwin,	Clarence, Mo.
Hansen, Clarence R.,	Batavia
Harris, Marion Francis,	Tremont
Hays, Mabel Irene,	Decatur
Henshie, Lura Maye,	Decatur
Hernley, Ruth,	Crawfordsville, Ind.
Hight, E. Wayne,	Assumption
Honeywell, Margaret,	Hoopeston
Horn, Harry J.,	Keokuk, Iowa
Houghton, Ralph Harnsberger,	Petersburg
Hudson, Noel Paul,	Decatur
Humphrey, Harold Creighton,	Virginia
Irwin, Edith Etha,	Decatur
Irwin, Robert Bliss,	Decatur
Jacobsen, George Ernest,	Niantic
James, Hazel,	Clinton
Jimison, Earle A.,	Decatur
Johnston, Donald C.,	Charleston
Jones, Arminda Artemisia,	Decatur
Kenney, Helen Louise,	Decatur
Kerney, Charlotte Wright,	Decatur
Kiick, Elmer L.,	Glidden, Iowa
Kiick, Lester Dean,	Glidden, Iowa
Kirk, Bertha,	Decatur
Klein, Adolph C.,	Ludwigshafen, Germany
Kling, Carolyn S.,	Vinton, Iowa
Kohler, Helen Dent,	Chicago
Kriege, Oliver Wendell,	St. Louis, Mo.
Kriege, Wilbur E.,	Edwardsville
Kuny, Orville Fredrick,	Decatur
Lamb, Robert Madison,	Sturgis, Ky.
Lawson, Burtis C.,	Springfield
Lax, Louise C.,	Springfield
Lee, Charles E.,	Decatur
Lee, Floyd,	Sullivan
Lehman, Everett Lewis,	Decatur
Long, Fred,	Decatur
McDonald, Hugh M.,	Arthur
McDougle, Elizabeth,	Charleston
McNabb, Harold Robert,	Decatur
MacGoldrick, Irma Irene,	Springfield
MacWherter, W. Kile,	Decatur
Marshall, Marian Frances,	Decatur
Martin, Gertrude Eileen,	Decatur
Maxwell, Robert Blane,	Lovington
Miller, Floyd R.,	Decatur
Miller, Marie,	Ottawa
Mills, Elinor,	Decatur
Mills, Harland McNeil,	Decatur
Moore, Howard,	Raymond
Mosey, Ruth,	Earlville
Munch, Mabel E.,	Decatur
Nichols, Mary,	Decatur
Opie, Hilda Caroline,	Wheaton
Page, Henrietta,	Decatur
Pallardy, Sumner,	Clayton
Parr, Harriet,	Decatur
Penhallegon, Everett Brown,	Decatur
Pitts, Leonard,	Decatur
Price, Mary Belle,	Decatur

Pyatt, Margaret Lola,	Decatur
Pyatt, Neva P.,	Decatur
Randolph, Stella,	Green Valley
Redmon, Martha,	Decatur
Reed, James D.,	Decatur
Reed, Richard J.,	Pontiac
Reeder, Raymond,	Atwood
Reeter, Roy R.,	Lake City
Richardson, Vernon Hill,	Edinburg
Richmond, Julia G.,	Latham
Riggs, Robert,	Decatur
Robb, Harry,	Decatur
Ruble, Mary V.,	Clinton, Okla.
Rumsey, Lois,	Mattoon
Shaw, Harry Dalton,	Decatur
Shaw, Lauren L.,	Decatur
Smith, Clarence E.,	Decatur
Smith, Helen Kathryn,	McNabb
Smith, Leland H.,	Decatur
Snell, Lucille Helen,	Vandalia
Snyder, Margaret Kantz,	Moweaqua
Spiller, Florence Louise,	Albion
Stamets, Esther,	Springfield
Stout, Vida O.,	Tallula
Swickard, Niza E.,	Newman
Thacker, Jesse Bruce,	Donnellson
Tucker, Martha,	Decatur
Tuttle, Coy Rathbone,	Atlanta
Van Praag, Alex,	Decatur
Voris, Virginia Van,	Stewardson
Weilepp, Laura Elizabeth,	Decatur
Wilkinson, Helen E.,	Bethany
Williams, Jessie D.,	Woodland
Wilson, Tyrol,	Decatur
Woodard, Roma Lillian,	Sidney
Wright, Maeclaire,	Streator
Wylie, Anna Kathryn,	Utica
Young, Earl M.,	Newman

—153

Fourth Year Academy

Graduating Class

Bartlett, Deral Cleon,	Decatur
Beall, Helen Augusta,	Niantic
Chittum, Stella Mae,	Sorento
Corrie, Wendell,	St. Francisville
Harrison, Benjamin Samuel,	Villa Grove
Havenar, Lelah Edith,	Harvel
Holberg, Leo Norton,	Portland, Ore.
Jones, Carl Delmar,	Midland City
Keatts, Rolla Merl,	Maroa
Magill, John Ira,	Sullivan
Moffett, Wilna Cottle,	Decatur
Murry, J. Wayne,	Mt. Auburn
Rybolt, Edna R.,	Kenney
Skinner, Gershie James,	Oconee
Stoutenborough, George,	Maroa
Teague, Roland,	Bloomingdale, Ind.
Wise, Forest George,	Macon

—17

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Blake, Richard,	Gardner
Cloud, Clarence C.,	Decatur
Colby, Ethel,	Decatur
Ford, Albert H.,	Decatur
Howell, Irma Lillis,	Arthur
Snyder, Harold Clarke,	Moweaqua

—6

Third Year Academy

Bass, Maybell Marie,	Decatur
Bass, Ray Spurgeon,	Decatur
Bear, Irving Charles,	Decatur
Birks, Jenna Ruth,	Decatur
Bulman, Leigh,	Decatur
Delaney, James,	Niantic
Evans, Clay,	Winchester
Hanes, Jacob Francis,	Decatur
Henry, Lucy Dell,	Chicago
Hicks, Frances Anna,	Monticello
Hudson, George Donald,	Decatur
Kile, Milton Ellsworth,	Ivesdale
Lanham, Floyd L.,	Macon
Messler, Mildred A.,	Canton
Peterson, Benjamin H.,	Macedonia, Iowa
Rawlings, Edith Y.,	Findlay
Reed, John Herman,	Ashmore
Rentchler, Marion D.,	Mt. Vernon
Steele, Arthur Yates,	Decatur
Verner, Everett B.,	Lintner

—20

Second Year Academy

Baldridge, Lois R.,	Decatur
Conaghan, Josephine S.,	Decatur
Corrie, Samuel Earl,	St. Francisville
Denny, Lawrence Erle,	Sorento
Dick, Edith Mae,	Arthur
Huffcutt, Leagreeta Helen,	Mattoon
Wilkinson, Porter Augustus,	Bethany
Wilkinson, Scott Jackson,	Bethany
Wilson, Cecil A.,	Argenta

—9

First Year Academy

Ault, Mencil Lewis,	Arcola
Bradley, Clark Howard,	Bonita, La.
Cole, Merry Mirth C.,	Decatur
Cole, Pearl Lorraine,	Decatur
Diefenthaler, Elizabeth A.,	Oconee
Duncan, Donald Kenneth,	Lintner
Hawkyard, Lora Camille,	Warrensburg
Highly, Pauline,	Decatur
Huckstep, Elsie Clarke,	Bowling Green, Mo.
Litherland, Naoma Estella,	Allendale
McKittrick, Dorothy Joyce,	Tower Hill
Stewart, Minnetta,	Paris
Williams, Emily K.,	Evansville, Ind.
Willmore, Tracy,	Maroa
Zimmerman, Dwight Jacob,	Ashmore

—15

Special Students

The following list includes unclassified students of College or Academy rank, carrying one or more subjects.

Commerce and Finance

Alexander, Charles W.,	Decatur

—1

Domestic Art

Barnes, Myrtle,	Decatur
Bonus, Esther C.,	Chicago
Harper, Edna,	Donna, Texas
Keck, Elba E.,	Decatur

—4

Domestic Economy

Best, Gladys Elizabeth,	Nokomis
Goodman, Lena M.,	Decatur
Howser, Margaret A.,	Creston, Mont.
Lewis, Lelia O. S.,	Warrensburg
Sundell, Ruby Helen,	Kankakee

—5

Domestic Science

Dickson, Gladys Mabel,	Ainsworth, Neb.
McAmis, Mary Barton,	Decatur

—2

Education

Clark, Lillian Marguerite,	Assumption
Dillman, Genevart Lenore,	Yale
Kinkade, Arthur,	Decatur
Smith, Laura Ethel,	Indianola
Stansbury, Inez O.,	Taylorville

—5

Engineering

Schultz, Paul Homer,	Cerro Gordo
Beesley, Oscar Vernon,	Vincennes, Ind.
Hedges, John William,	Blue Mound

—3

English

Bacon, Eugenie M.,	Decatur
Craig, Estelle,	Maroa
Dike, Fanny C.,	Chicago
Hunt, Patricia Marie,	Decatur
Mueller, Addie E.,	Decatur
Mueller, Minnie T.,	Decatur
Oliver, Katherine I.,	Clinton
Rodgers, Norma Kathleen,	Decatur
Smith, Flora B.,	Decatur
Winkler, Flora E.,	Newman

—10

Fine and Applied Arts

Barber, Fred,	Decatur
Buckmaster, Mabel Marcella,	Decatur
Edgar, Gertrude,	Decatur
Gray, Claire E.,	Clinton
Kirk, Heagle James,	Decatur
Mills, Jennie H.,	Decatur
Powell, Pauline E.,	Tonica
Rowdybush, Frances M.,	Decatur
Talbott, James Ernest,	Decatur
Wilson, Charles Dewey,	Decatur

—10

Keramics

Cushing, Mildred,	Decatur
Gregory, Lois,	Normal
Lindsey, Bessie M.,	Forsyth
May, Myrtle,	Mt. Zion
Murdock, Louise May,	Clinton
Quickel, Luella M.,	Decatur

—6

Liberal Arts

Niedermeyer, Ada C.,	Decatur

—1

Library Science

Bickel, Lucile Clark,	Greenville, Ohio

—1

Manual Training

Eusey, Samuel,	Decatur
Knisley, Andrew,	Decatur
Lockhart, Mountford E.,	Niantic
Mitchell, Daniel Palmer,	Maroa
Wilson, F. Ewing,	Decatur

—5

Modern Languages

Todd, Audrey Grace,	Greenville
McCormick, Veronica,	Ambia, Ind.
Parker, Emily,	Casey

—3

Physical Training

Johnston, Dessie Della,	Decatur

—1

Public Speaking

White, Ollie May,	Decatur

—1

Teachers Training (Hughey School)

Barnes, Mary Leah,	Decatur
DeGroat, Ruth Anna,	Decatur
Fox, Ann Elizabeth,	St. Louis, Mo.
Faith, Julia,	Warrensburg
Himmelwright, Louise Kinney,	Decatur
Hughey, Florence Elizabeth,	St. Louis, Mo.
Humphrey, Frances Aurelia,	Virginia
MacGoldrick, Irma Irene,	Springfield
Requarth, Esther Sophia,	Decatur
Smith, Leta Frances,	Decatur
Wasson, Iva Ingersoll,	Decatur
Uhler, Anna Belle,	Decatur

—12

Agriculture (Short Course)

Adams, Claire S.,	Decatur
Allen, E. Wright,	Harristown
Ball, Harry,	Mattoon
Bear, S. P.,	Decatur
Bowen, Caroline,	Bement
Burns, Charlie T.,	Harristown
Campbell, Ella,	Niantic
Clokey, I. W.,	Decatur
Connard, A. F.,	Decatur
Divan, Worthy,	Decatur
Good, Robert E.,	Decatur
Hardy, W. F.,	Decatur
Heinle, Lula,	Argenta
Moore, Ella A.,	Niantic
Oliver, R. Earl,	Harristown
Park, Clinton,	Decatur
Price, William R.,	Decatur
Rigg, Arthur E.,	Lovington
Sanner, J. W.,	Decatur
Spencer, H. D., Jr.,	Decatur
Welty, Hope,	Cerro Gordo
Wren, Etta,	Niantic

—22

CONSERVATORY OF MUSIC

Practic Courses

Piano

Graduate

Donovan, Everett,	Decatur
Corbin, Rose,	Sullivan
Lillich, George,	Latham
McNabb, Anna Whitmer,	Decatur
Primm, Ethel,	Hannibal, Mo.
Rogers, Ora,	Petersburg
Ryder, Lillie,	Decatur

—7

Collegiate

Atchison, Florence,	Lovington
Ayres, Eloise,	Springfield
Bales, Blanche,	Centralia
Baumann, Hilma,	Mt. Pulaski
Beck, Xenia,	Windsor
Bennett, Marita,	Rising Sun, Ind.
Bergen, Esther,	Decatur
Birks, Jenna,	Decatur
Bolen, Eve Braden,	Decatur
Booth, Melba,	Decatur
Brown, Cora,	Rosemond
Bunn, Marian,	Decatur
Bushert, Grace,	Bethany
Cade, Harriet,	Centralia
Chambers, Margaret,	New Holland
Childs, Agnes,	Decatur
Chittum, Mae,	Sorento
Clark, Minnie B.,	Decatur
Clements, Sally E.,	Stonington
Colby, Ethel,	Decatur
Corrington, Eula,	Decatur
Cowen, Joy,	Harristown
Craig, Gertrude,	Mattoon
Crook, Myrtle,	Monticello
Culver, Cora,	Athens
Dawson, Edith,	Decatur
Day, Helen,	Moweaqua
Dillman, Genevart,	Yale
Droegemueller, August,	Paola, Kans.
DuHadway, Estelle,	Jerseyville
Eddy, Hazel,	Shelbyville
Eddy, Velma,	Decatur
Eldred, Irene,	Deer Lodge, Mont.
Field, Irene,	Clinton
Fisher, Ollie,	Bement
Fisk, Sylvia,	Mt. Zion
Fitch, Erma,	Greenup
Fleming, Marcella,	Bement
Floyd, Ethel,	Decatur
Freeland, Mamie,	Dalton City
Gallagher, Angie,	Marquette, Mich.
Garrett, Emma,	Decatur
Gher, Bernice,	Decatur
Gragg, Mary,	Stonington
Grandy, Marjorie,	Mason City
Gross, Julia,	Atwood
Hartrick, Eva,	Decatur
Howell, Irma,	Arthur
Hubbart, Faith,	Macon
Huffcutt, Leagretta,	Mattoon
Jones, Zelma,	Mt. Pulaski
Kenney, Helen,	Decatur
LeForgee, Valette,	Decatur
Leighty, Florence,	Tower Hill
Lewman, Doris,	Decatur
McCormick, Veronica,	Ambia, Ind.
McCune, Ervin,	Decatur
Meyers, Pauline,	Decatur
Miller, Mary Ann,	Decatur
Moeller, Helen,	Decatur
Moffett, Wilna,	Decatur
Monroe, Jean,	Wheaton
Muir, Ruth,	Decatur
Munch, Adah,	Weldon
Ogden, Grace,	Danville
Opie, Hilda,	Wheaton
Owen, Mrs. H. M.,	Decatur
Petty, Zella,	Decatur
Pickle, Bessie,	Decatur
Randol, Ethel,	Lovington
Rhodes, Enid,	Lovington
Rigg, Emily,	Mt. Pulaski

Rodgers, Norma,	Decatur
Rogers, Frances,	Findlay
Rose, Edith,	Bement
Schaper, Newell,	Pana
Schmith, Aurora,	Clinton
Scott, Marie,	Bethany
Scott, Mignonette,	Mt. Zion
Sewell, Augusta,	Monticello
Sheehan, Delene,	Decatur
Smith, Helen,	McNabb
Spacth, Augusta,	Decatur
Stamets, Esther,	Springfield
Stansbury, Inez,	Taylorville
Starr, Grace,	Decatur
Stevenson, Mrs. R. G.,	Jerome, Ariz.
Stivers, Elsie,	Blue Mound
Stratton, Rose,	Hoopeston
Trimmer, Ora,	Decatur
Troxel, Neva,	Cerro Gordo
Waddell, Helen,	Decatur
Wakefield, Verna,	Maroa
Wandel, Grace,	Decatur
Wasson, Iva,	Decatur
Wasson, Lois,	Decatur
Wells. Ethel,	Mansfield
Williams, Marie,	Marion
Willis, Florence,	Decatur
Winkler, Flora,	Decatur
Wylie, Anna,	Utica
Young, Mary E.,	Ashland, Ore.

—102

Academic

Acton, Irma,	Decatur
Adams, Marilla,	Decatur
Adams, Robert,	Decatur
Albert, Vona,	Warrensburg
Armstrong, Opal	Argenta
Ater, Gladys,	Cisco
Atlass, Beatrice,	Decatur
Augustine. Mary,	Decatur
Bailey, Vada,	Boody
Baker, Blanche,	Moweaqua
Baldridge, Lois,	Decatur
Baltzley, Mary,	Assumption
Barnes, Mary,	Decatur
Bartlow. Florence,	Newman
Bass, Maybelle,	Decatur
Bateman, Marie,	Decatur
Bauer, Mirah,	Macon
Best. Gladys,	Nokomis
Bohlen. Helen,	Moweaqua
Bolin. Muriel,	Decatur
Boyd, Grace,	Decatur
Brewer, Mildred,	Decatur
Briggs, Donna,	Decatur
Brown, Grace,	Van Orin
Brown, Mildred,	Harristown
Buchta, Anna,	Edwardsville
Buis. Grace,	Stonington
Bushart, Grethel,	Decatur
Cheek, Opal,	Mt. Pulaski
Clark, Harold,	Petersburg
Clark. Lillian,	Assumption
Collier, Elsie,	Decatur
Combs, Mayme,	Decatur
Conaghan, Josephine,	Decatur
Cope, Mrs. Elizabeth,	Decatur
Cox, Mabel,	Decatur
Cross, Cassie,	Weldon
Cross, Elma,	Weldon
Davis, Lora,	Decatur
DeGroat, Ruth,	Decatur
Dewees, Beulah,	Gossett
Dickey, Marie.	Decatur
Dickson. Gladys,	Ainsworth, Nebr.
Diefenthaler, Elizabeth,	Oconee
Dine. Neiva,	Maroa
Donaldson, Gertrude,	Decatur
Downey, Clark,	Decatur
Doyle. Ethel.	Decatur
Ellington. Pauline,	Buffalo
Evans, Beulah,	Decatur
Fagen, Beatrice,	Decatur
Fisher. June,	Decatur
Foster, Nina,	Decatur
Foster. Virginia,	Aurora
Fruit, Helen,	Decatur

Fuller, Bessie,	Farmer City
Garman, Ethel,	Bethany
Garman, Grace,	Decatur
Gebhart, Sybil,	Decatur
Glazebrook, Vera,	Decatur
Glessner, Harold,	Decatur
Goltra, Ina,	Decatur
Grant, Cora,	Arthur
Gregory, Emma,	Decatur
Gregory, Lois,	Decatur
Greenfield, Ruth,	Mt. Zion
Hallock, Myrl,	Decatur
Hamblin, Bessie,	Lovington
Hammet, Glenn,	Clarence, Mo.
Hannon, Grace,	Geneseo
Harper, Edna,	Donna, Texas
Harrison, Alice,	Chestnut
Hawkyard, Camille,	Warrensburg
Highly, Pauline,	Decatur
Hill, June,	Decatur
Hill, Pauline,	Decatur
Himmelwright, Louise,	Decatur
Hollman, Helen,	Decatur
Hubbart, Ruth,	Macon
Huber, Lydia,	Mahomet
Huckstep, Elsie,	Bowling Green, Mo.
Huff, Doris,	Hammond
Hurd, Pauline,	Cerro Gordo
Jacobs, Ruth,	Decatur
James, Hazel,	Clinton
Jeffrey, Evelyn,	Decatur
Keck, Elba,	Decatur
Keith, Mary,	Decatur
Kennedy, Beryl,	Dalton City
Kingston, Ida,	Decatur
Kirtland, Carrie,	Oblong
Kirk, Bertha,	Decatur
Klump, Norma,	Strasburg
Kuny, Frances,	Decatur
Lax, Louise,	Springfield
Lewis, Lelia,	Warrensburg
Lohrmann, Irma,	Decatur
Lorenson, Mignon,	Decatur
Lowry, Hazel,	Decatur
Lyman, Alta,	Decatur
Lynam, Isabella,	Decatur
McAmis, Robert,	Decatur
McClanahan, June,	Forrest
McDonald, Hugh,	Arthur
MacGoldrick, Irma,	Springfield
McGorray, Helen Catherine,	Decatur
McLaughlin, Marie,	Cerro Gordo
Marshall, Fay,	Decatur
Massey, Mary,	Ashland
Maxwell, Ruth,	Decatur
Merris, Helen,	Oakley
Miller, Bonnie,	Weldon
Miller, Mrs. Robert,	Decatur
Moffett, Margaret,	Decatur
Moore, Mary,	Decatur
Morrow. Martha,	Decatur
Munch, Gertrude,	Weldon
Myers, Mildred,	Decatur
Owen. Honore,	Decatur
Parkinson, Grace,	Decatur
Parks. Lucile,	Niantic
Parr, Harriet,	Decatur
Picker. Reta,	Assumption
Platt. Mrs. Alfred,	Decatur
Pontzious, Rasswell,	Harristown
Powell, Eva,	Dalton City
Pray. Gladys,	Pana
Price. Gwendoline,	Oconee
Randolph, Stella,	Green Valley
Randolph, Virginia,	Decatur
Record. Grace,	Decatur
Rice. Edna,	Sadorus
Ridgely. Mrs. Edith,	Decatur
Risley, Mrs. W. J.,	Decatur
Robards, Cary,	Decatur
Rouch, Mrs. W. E.,	Decatur
Sanner, Nora,	Moweaqua
Shaw, Leslie,	Decatur
Shawhan, Grace,	Decatur
Shively. Fleta,	Macon
Shumard, Helen,	Decatur
Shumate, Iva,	Long Creek

Sleeter, Bertha,	Decatur
Smeathers, Marjorie,	Decatur
Smith, Aileen,	Decatur
Smith, Ethel,	Decatur
Smith, Leta,	Decatur
Smith, Mae,	Decatur
Spaeth, Antoinette,	Decatur
Stein, Emilie,	Decatur
Stewart, Minnetta,	Paris
Stewart, Myrtle,	Decatur
Stires, Margaret,	Decatur
Tankersley, Helen,	Decatur
Thomas, Fay,	Decatur
Thomas, Lynas,	Decatur
Yockey, Floyd,	Decatur
York, Estelle,	Arthur
Wacaser, Marie,	Decatur
Wakefield, Mona,	Maroa
Welton, Marie,	Kenney
Wand, Fairy,	Decatur
Weigand, Ivan,	Decatur
Wilcox, Edith,	Cisco
Williams, Leona,	Decatur
Wittnam, Lillie,	Witt
Young, Pearl,	Newman
Zimmerman, Mrs. O. L.,	Decatur

—168

Elementary

Adams, Jean,	Decatur
Andrews, Evelyn,	Decatur
Andrews, Forrest,	Decatur
Andrews, Paul,	Decatur
Armstrong, Robert,	Decatur
Atkinson, Maurice,	Decatur
Awker, Maud,	Decatur
Barbey, Bernice,	Decatur
Beidler, Mrs. Etta,	Mt. Pulaski
Belden, Bernice,	Decatur
Bergen, James,	Decatur
Bohlen, Helen,	Moweaqua
Bonifield, Alice,	Decatur
Bonifield, Miriam,	Decatur
Bonus, Mrs. Daniel,	Chicago
Boyle, Violet,	Hennepin
Britton, Ethel,	Mt. Zion
Britton, Ivy,	Decatur
Brooks, Bernice,	Decatur
Buckmaster, Hazel,	Decatur
Burrows, Chrystal,	Decatur
Burrows, Viola,	Decatur
Burke, Mildred,	Decatur
Busbey, Christine,	Decatur
Cantrall, Ruth,	Decatur
Chamberlain, Marguerite,	Decatur
Collins, Doris,	Decatur
Conklin, Dorothy Jane,	Decatur
Cope, Thelma,	Decatur
Cox, Katherine,	Decatur
Crane, Naomi,	Decatur
Cunningham, Lucile,	Decatur
Cunningham, Phoza,	Decatur
Damrow, Helen,	Decatur
Davis, Charlotte,	Decatur
Davis, Dorothy,	Decatur
Dawson, Dorothy,	Decatur
Deverell, Margaret,	Decatur
Donahue, Ruth,	Dectaur
DuMond, James Edward,	Decatur
DuMond, Merrill,	Decatur
DuMond, Vesta,	Decatur
Durning, Juanita,	Mt. Zion
Ebert, Esther,	Decatur
Epping, Louise,	Decatur
Ferguson, Earl,	Decatur
Garver, Junior,	Decatur
Garver, Marguerite,	Decatur
Graves, Nina,	Decatur
Greening, Ruth,	Decatur
Hallock, Charlene,	Decatur
Halpin, Ruth,	Decatur
Hays, Helen Madge,	Decatur
Hill, Fern,	Casner
Hill, Helen,	Casner
Hill, Thelma,	Decatur
Hopkins, Omar,	Decatur
Irving, Edwina,	Decatur
Judge, Paxton,	Decatur
Kellogg, Carrie,	Decatur
Keys, Ida May,	Decatur
King, Crete,	Decatur
Knight, Doris,	Decatur
Kunzelmann, Agnes,	Decatur
Lewis, Bieler,	Bourbon
Lewis, Corwin,	Decatur
Lipe, Kenneth,	Decatur
Lipscomb, Virginia,	Decatur
Litherland, Naoma,	Allendale
Lowe, Helen,	Decatur
Lowry, Elmer,	Decatur
Lupton, Perley,	Lake City
Lyons, Doris,	Decatur
McCalman, Helen,	Decatur
McGavic, Geraldine,	Decatur
McGavic, Velda,	Decatur
McIntyre, Zelda,	Decatur
March, Ruth,	Decatur
Maffit, Nita Flora,	Decatur
Miller, Ruth,	Decatur
Patterson, Beulah,	Decatur
Phillis, Gladys,	Decatur
Pinkney, Catherine,	Decatur
Post, Frances,	Decatur
Potter, Vere,	Decatur
Pride, Mary,	Decatur
Quickel, Lucile,	Decatur
Rattan, Adele,	Decatur
Record, Grace,	Decatur
Redmon, Helen,	Decatur
Risley, Lee,	Decatur
Ritter, Helen,	Casner
Robinson, Helen Alice,	Decatur
Ross, May,	Decatur
Ryan, Margaret,	Decatur
Ryan, Lesley,	Decatur
Schroeder, Katherine,	Mt. Zion
Sensenbaugh, Arthur,	Decatur
Stevenson, Shirley,	Decatur
Stewart, Pauline,	Decatur
Sullivan, Alsace,	Decatur
Sullivan, Marjorie,	Decatur
Traughber, Lucile,	Macon
Van Gilder, Elmer,	Decatur
Wacaser, Mable,	Decatur
Wallace, Leonard,	Decatur
Watkins, Arthur,	Decatur
Weber, Marie,	Decatur
Weidman, Margery,	Decatur
Weigand, Evelyn,	Decatur
Wheeler, Ellis B.,	Decatur
White, Irma,	Decatur
White, Sallie,	Louisville
Wiggins, Pernia,	Cisco
Williams, Mary,	Decatur
Willmore, Tracy,	Maroa
Wisegarver, Orton,	Decatur

—117

Voice

Collegiate

Armstrong, Eleanor,	Decatur
Barnes, Eleanor,	Decatur
Barnes, Gillette,	Decatur
Bell, Ava,	Decatur
Bunn, Marian,	Decatur
Busher, Curtis,	Decatur
Cope, Mrs. Elizabeth,	Decatur
Corrington, Eula,	Decatur
Davis, Edwin,	Decatur
Dillman, Genevart,	Yale
DuHadway, Estelle,	Jerseyville
East, Winifred,	Cerro Gordo
Eddy, Hazel,	Shelbyville
Fesler, Edna,	Decatur
Fiegenschuh, Gretchen,	Mt. Pulaski
Field, Irene,	Clinton
Frede, Gail,	Stewardson
Freyburger, Verl,	Decatur
Gelsthorpe, Edna,	Beason
Gorin, Eleanor,	Decatur
Grandy, Marjorie,	Mason City
Hawver, Paul,	Decatur
Hawkyard, Camille,	Warrensburg
Humphrey, Frances,	Virginia
Keck, Elba,	Decatur
Lucas, Harold,	Stonington

McClanahan, June,	Forrest
McCormick, Veronica,	Ambia, Ind.
MacWherter, Kyle,	Decatur
Martin, Gertrude,	Decatur
Merris, Frances,	Macon
Olsen, Rachel,	Clinton
Powers, Myra,	Decatur
Ridgly, Mrs. W. S.,	Decatur
Rice, Celestine,	Decatur
Scott, Marie,	Bethany
Sceforth, Leta,	Decatur
Shipp, Dona,	Paris
Stansbury, Inez, ,	Taylorville
Uhler, Clarke,	Decatur
Wasson, Lois,	Decatur
Wise, Ralph,	Chicago

—42

Academic

Adams, Paul,	Decatur
Adele, Sister,	Ivesdale
Aiken, Hazen,	Deerfield, Mich.
Atchison, Florence,	Lovington
Ater, Gladys,	Cisco
Barnes, Mary,	Decatur
Bassett, Donald,	Los Angeles, Cal.
Bean, Nelle,	Sullivan
Best, Gladys,	Nokomis
Brewer, Bernice,	Decatur
Brown, Avis,	Harristown
Brown, Grace,	Van Orin
Buis, Grace,	Stonington
Burnett, Ethel,	Decatur
Cade, Harriet,	Centralia
Clark, Lillian,	Assumption
Collier, Elsie,	Decatur
Corzine, Lena,	Stonington
Crea, Hadassah,	Decatur
Davidson, Louise,	Blue Mound
Davis, Lora,	Decatur
De Groat, Ruth,	Decatur
Doyle, Ethel,	Decatur
Ellington, Pauline,	Buffalo,
Fesler, Glen,	Decatur
Foster, Virginia,	Aurora
Fox, Ann,	St. Louis, Mo.
Garman, Ethel,	Bethany
Garman, Grace,	Decatur
Gaskins, Josephine,	Decatur
Graybill, Henrietta,	Decatur
Harper, Edna,	Donna, Texas
Harris, Marion,	Tremont
Hartrick, Roberta,	Decatur
Hill, Velma,	Decatur
Houghton, Ralph,	Petersburg
Howell, Irma,	Arthur
Huckstep, Elsie,	Bowling Green, Mo.
Hughey, Florence,	St. Louis, Mo.
Hunsley, Charles,	Cisco
Jeffry, Evelyn,	Decatur
Johnson, Rolfe,	Harlan, Ky.
Jones, Carl,	Midland City
Kirk, Dorcas,	Decatur
Kirtland, Carrie,	Oblong
Lavery, Ruth,	Decatur
Lax, Louise,	Springfield
Leighty, Florence,	Tower Hill
Lewis, Bealer,	Bourbon
Lewis, Lelia,	Warrensburg
Lindsay, Ada Emilie,	Decatur
Lyman, Alta,	Decatur
McDavid, Carroll,	Hillsboro
MacGoldrick, Irma,	Springfield
McIntosh, Blanche,	Cisco
McKittrick, Dorothy,	Tower Hill
McNabb, Anna Whitmer,	Decatur
Means, Joseph,	Decatur
Messler, Mildred,	Canton
Miller, Mary Ann,	Decatur
Million, Jaunita,	Decatur
Moeller, Helen,	Decatur
Moffett, Elizabeth,	Decatur
Moffett, Margaret,	Decatur
Moffett, Wilna,	Decatur
Mosey, Ruth,	Earlville
Munch, Adah,	Weldon
O'Heren, Eileen,	Decatur
Ott, William,	Decatur
Parker, Lois,	Decatur
Pinnell, Grace,	Westfield
Pitzer, Lalia,	Assumption
Pritchett, Alice,	Decatur
Randol, Ethel,	Lovington
Randolph, Clara,	Alton
Randolph, Stella,	Green Valley
Reeves, Mrs. Ella,	Ivesdale
Requarth, Esther,	Decatur
Requarth, Wilhelmina,	Decatur
Schmith, Aurora,	Clinton
Shaw, Lauren,	Decatur
Shawhan, Grace,	Decatur
Shively, Fleta,	Macon
Sleeter, Lillie,	Decatur
Smith, Ethel,	Decatur
Smith, Helen,	McNabb
Smith, Leland,	Decatur
Smith, Leta,	Decatur
Stamets, Esther,	Springfield
Stewart, Minnetta,	Paris
Stewart, Myrtle,	Decatur
Stowell, Annie,	Hannibal, Mo.
Wakefield, Mona,	Maroa
Walker, Bernice,	Bethany
Werning, Lourena,	Decatur
White, Sally,	Decatur
Wilcox, Luella,	Cisco
Wilkinson, Helen,	Bethany
Williams, Gladys,	Ritchie
Williams, Jessie,	Woodland
Williams, Marie,	Marion
Wright, Opal,	Decatur
Yockey, Floyd,	Decatur
York, Estella,	Arthur
Young, Mary E.,	Ashland, Ore.
Young, Mildred, ,	Forsyth

—106

Violin

Collegiate

Arnold, Jesse,	Bluffs
Bachman, Charlotte,	Decatur
Bassett, Donald,	Los Angeles, Cal.
Guller, Gertrude,	Decatur
Heyne, William,	Decatur
Jones, Carl,	Midland City
Lavery, Ruth,	Decatur
McKeown, Katherine,	Decatur
Parker, Helena,	Decatur
Pohlson, Theoline,	Springfield
Raupp, Cressie,	Decatur
Ray, Luther,	Cisne
Rogers, Frances,	Findlay
Russell, Carl,	Decatur
Stewart, Mildred,	Moweaqua
Strumpfer, Paul,	Decatur
Van Hall, Oscar,	Decatur
White, Mrs. Elizabeth,	Decatur
Willard, Mary,	Macon

—19

Academic

Cowen, Nira,	Harristown
Doyle, Blanche,	Decatur
George, Roy,	Decatur
Hammett, Glen,	Clarence, Mo.
Howard, May,	Decatur
Judge, James,	Decatur
Lewman, Doris,	Decatur
Lucas, Harold,	Stonington
Redempta, Sister,	Decatur
Ryan, Helen,	Decatur
Tanzyus, Gus,	Decatur

—11

Elementary

Aiken, Fred,	Decatur
Albert, Louisa,	Warrensburg
Armstrong, Frances,	Decatur
Bonifield, Alice,	Decatur
Clapper, Frances,	Moweaqua
Cochran, John,	Assumption
Collins, Joseph,	Decatur
Green, Bertha,	Decatur
Huckstep, Elsie,	Bowling Green, Mo.
Hinton, James,	Decatur
Meyer, Velma,	Decatur

Rosenthal, Kate,	Decatur
Roucher, Sam,	Decatur
Sensenbaugh, Maje,	Decatur
Smith, Naomi,	Decatur
Stewart, Louis,	Decatur

—16

Pipe-Organ

Collegiate

Adele, Sister,	Ivesdale
Ashby, Lillie,	Decatur
Best, Gladys,	Nokomis
Booth, Melba,	Decatur
Craig, Gertrude,	Mattoon
Hartrick, Eva,	Decatur
Lillich, George,	Latham
McCormick, Veronica,	Ambia, Ind.
Otto, Sister,	Decatur
Pickle, Bessie,	Decatur
Rodgers, Norma,	Decatur
Shipp, Dona,	Paris
Snyder, Margaret,	Moweaqua
Wakefield, Verna,	Maroa

—14

Cornet

Baltzley, Mary,	Assumption
Green, George,	Coweta, Okla.

—2

Cello

Childs, John,	Decatur
Bassett, Donald,	Los Angeles, Cal.
Downey, Lyle,	Decatur
Rickard, Lola,	Decatur

—4

Artists Accompanist Course

Gross, Julia,	Atwood
Young, Mary,	Ashland, Ore.

—2

Classes in Theoretic, Scientific and Historic Courses

Summary of students who take regular class work in the subjects indicated, in addition to work in practic music subjects:

Harmony	218
Musical Form and Analysis.	10
History of Music.	63
Ear Training and Sight Reading.	233
Piano Teachers' Training.	36
Psychology of Music.	17
Public School Music Methods.	10
Piano Technic Classes.	150
Appreciation of Music.	75
Counterpoint.	6
Vocal Diction.	5
	823

SUMMARY OF ATTENDANCE

College:				
Post Graduates				
Candidates for Degrees	5			
Not Candidates for Degrees	7	12		
Seniors		40		
Juniors		43		
Sophomores		84		
Freshmen		153		
Specials				
Commerce and Finance	1			
Domestic Art	3			
Education	2			
Engineering	2			
English	8			
Fine and Applied Arts	4			
Keramics	3			
Liberal Arts	1			
Library Science	1			
Manual Training	3			
Modern Languages	3	31		
			363	
Academy:				
Fourth Year		23		
Third Year		20		
Second Year		9		
First Year		15		
Specials				
Domestic Art	1			
Domestic Economy	5			
Domestic Science	2			
Education	3			
Engineering	1			
English	2			
Fine and Applied Arts	6			
Keramics	3			
Manual Training	2			
Physical Training	1			
Public Speaking	1	27		
			94	
				457
Unclassified Agricultural, six weeks course			22	
Unclassified Teachers Training (12) not enrolled in Conservatory			2	
				24
				481

Conservatory of Music:

Practic Courses:

Private							
Piano	*7	*102	*168	*117	*394		
Voice		42	106		148		
Vocal Diction		5			5		
Violin		19	11	16	46		
Pipe-Organ		14			14		
Cornet		2			2		
Cello		4			4		
Artist Accomapnist		2			2		
						615	
Class							
Choral					56		
Orchestral					30		
						86	
Theoretic, Scientific, Historic, Public School Music, and Teachers Training Courses:							
Private					72		
Class					823		
						895	
						1596	
Less Duplicates Choral, Orchestral, Theoretical, etc.						1036	
							560
							1041
Less enrolled also in Conservatory of Music							71
Total Enrollment							970

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*Graduate, Collegiate, Academic and Elementary courses respectively.

THE ALUMNI

NOTE.—The graduates of the institution will confer a favor on us by promptly notifying the office of changes in their location or business.

Officers of the Association

Rev. Charles F. Record, President, Centralia, Ill.

Miss Ora E. Bellamy, Vice President, Decatur, Ill.

Miss Blanche Redmon, Secretary and Treasurer, Decatur, Ill.

Edgar H. Allen, B.S. in Commerce and Finance, 1912, Student Law School, University of Chicago, Chicago. Ill.

Cecile Allentharp, B.S. with Library Science, 1910, Teacher, Tie Siding, Wyo.

Viola May Ameling, B.S. in Domestic Economy, 1913, Decatur, Ill.

Erma Clark Anderson, B.S. in Fine and Applied Arts, 1909, Decatur, Ill.

Bessie Armstrong, B.S. in Domestic Economy, 1910, (Mrs. P. J. Dean) Hays, Kans.

Goldia Atherton, B.S. in Fine and Applied Arts, 1909, Teacher History and Drawing, High School, Lovington, Ill.

Golda Mae Atlass, A.B., 1905, (Mrs. Isadore A. Wallins) Decatur, Ill.

Jessie Corita Ayres, A.B., 1913, Telegraph Operator, New Lenox, Ill.

Alice A. Baker, A.B., 1905, (Mrs. Forrest File) Decatur, Ill.

Emma L. Baker, B.S. with Pedagogy, 1905, Instructor Keramics, Decatur College and Industrial School.

Mary Frances Baker, A.B., 1912, Teacher Rock Creek School, Petersburg, Ill.

William Hail Banfill, A.B., 1909, Bushnell, Ill.

Ellis Edwin Bankson, B.S. in Civil Engineering, 1907, Lecturer Civil Engineering, University of Manitoba, Winnipeg, Canada.

Herbert O. Barnes, A.B., 1909, Teacher Mathematics, High School, Springfield, Ill.

Ralph S. Bauer, A.M., 1906, Professor Law, John B. Stetson University, De Land, Fla.

Viola M. Bell, B.S. in Domestic Economy, 1911, Teacher Domestic Science, Public Schools, Pana, Ill.

William H. Bell, B.S. in Commerce and Finance, 1909, City Passenger Agent, Soo Lines, Chicago, Ill.

Ora Endes Bellamy, A.B., 1909, Decatur, Ill.

Orris Bennett, B.S. in Commerce and Finance, 1907, Lawyer, Wichita, Kans.

Esther Lou Bergen, A.B., 1913, Teacher English and History, County High School, Concord, Tenn.

Ruth Bicknell, A.B., 1908, (Mrs. Edgar Walker) Decatur, Ill.

Helen Adelia Bishop, B.S. in Domestic Economy, 1909, Teacher Domestic Science, High School, Oklahoma City, Okla.

Bonnie R. Blackburn, A.B., 1908, Professor Modern Languages and Dean of Women, Northwestern College, Naperville, Ill.

Mary Madge Blake, B.S. in Domestic Economy, 1912, (Mrs. Robert A. Miller) Decatur, Ill.

A. Keach Bone, A.B., 1907, Principal Rock Creek School, Petersburg, Ill.

Alice Roberta Bone, A.B., 1909, (Mrs. Earl J. Hurie) Petersburg, Ill.

Wesley Kenneth Bone, A.B., 1910, Farmer, Petersburg, Ill.

Edith Ward Bowyer, A.B., 1911, Deceased.

Anne Morris Boyd, A.B. with Library Science, 1906, Librarian, State Normal School, Whitewater, Wis.

Bounita Boyd, A. B., 1910, Teacher Latin and English, High School, Bement, Ill.

Lucile Margaret Bragg, A.B., 1909; A.M., 1910; Recorder and Instructor Latin, Decatur College and Industrial School.

Nina May Brecount, B.S. with Library Science, 1913, Teacher English and Librarian, High School, Somerset, Ky.

Ward Joseph Bricker, A.B., 1909, Farmer, Argenta, Ill.

Leo R. Brown, B.S. in Commerce and Finance, 1911, Chief Timekeeper, Springfield Division, Wabash Railroad, Springfield, Ill.

Lois Adeline Browne, A.B., 1912, Scholar in English, University of Illinois, Urbana, Ill.

Earle R. Bryant, A.B., 1906, A.M., 1910, Professor Biology, Muskingum College, New Concord, Ohio.

Estella Esther Bryant, A.B. with Library Science, 1906, Assistant Pastor, Second Presbyterian Church, Decatur, Ill.

Bertie H. Buck, B.S. in Civil Engineering, 1911, Chief Engineer, Edward Hines Lumber Co., Orvisburg, Miss.

Isabel Bumgarner, A.B., 1907, (Mrs. Verne R. Ross) Covina, Cal.

M. Ethel Bumgarner, A.B., 1907, (Mrs. Ralph Mills) Seoul, Korea.

Mary Edna Burgess, B.S. in Domestic Economy, 1909, Student Presbyterian Training School for Nurses, Chicago, Ill. (Under appointment as foreign missionary for Presbyterian Church.)

Mary Ellen Carroll, A.B., 1911, Teacher Public Schools, Decatur, Ill.

Maude Carter, B.S. in Fine and Applied Arts, 1909, (Mrs. Arthur Meyer) Teacher, Public Schools, Decatur, Ill.

Ella May Cockrell, B.S. with Pedagogy, 1906, A. M., 1907, Teacher Latin and English, High School, Prophetstown, Ill.

Cora Steele Cockrum, A.B., 1910, Teacher Latin and History, High School, King City, Mo.

Eugene Starr Cole, B.S. in Commerce and Finance, 1908, Assistant Auditor, Illinois Traction Co., Champaign, Ill.

Jesse L. Conel, A.B., 1912, Fellow in Zoology, University of Illinois, Urbana, Ill.

Lottie B. Cook, A.B., 1912, Teacher English, High School, Atwood, Ill.

Norma Louise Council, A.B., 1912, (Mrs. Fred O'Bannon), Greenville, Miss.

Cecil Cox, B.S. in Commerce and Finance, 1910, Traveling Salesman, West Paper Co., Decatur, Ill.

Frank R. Culp, B.S. in Electrical Engineering, 1909, with General Electric Co., Schenectady, N. Y.

Lucy Alice Curtis, B.S. with Library Science, 1912, Library Assistant John Crerar Library, Chicago, Ill.

Junius Earl Dappert, B.S. in Electrical Engineering, 1907, Manager Middle West Utilities Co., Colgate, Okla.

Hubert Kershaw Davenport, B.S. in Civil Engineering, 1909, Fruit Grower, Hood River, Ore.

John Wesley Davidson, B.S. in Civil Engineering, 1907, Civil Engineer, Hot Springs, Ark.

Edna Emma Davis, A.B., 1913, Teacher Public Schools, Decatur, Ill.

Ilda Josephine Dearth, B.S. with Library Science, 1911, (Mrs. A. C. Boyd) Chicago, Ill.

Lulalou DeGroat, A.B., 1908, Teacher Public Schools, Decatur, Ill.

Alice Natalie Dempsey, A.B. 1909, Teacher Mathematics, High School, Decatur, Ill.

Jessie Maude DePuy, B.S. with Pedagogy, 1907, Raven, Ill.

Everett Lawrence Dickey, A.B., 1910, Principal Schools, Latham, Ill.

Ida Odessa Diller, A.B., 1907, (Mrs. Charles F. Record) Centralia, Ill.

Edward W. Doran, A.M. with Pedagogy, 1906, Professor of Biology, State Agricultural School, Magnolia, Ark.

Archibald Taylor Dunn, B.S. in Commerce and Finance, 1913, Farmer, Virginia, Ill.

Bertha E. Eaton, A.B., 1908, A.M., 1909, Decatur, Ill.

Mabel Kent Edmunson, A.B., 1913, Teacher Latin and German, High School, Hindsboro, Ill.

Zeldra Edwards, B.S. in Fine and Applied Arts, 1912, (Mrs. Harry E. Ehrhart) Redvale, Colo.

Mary Louise Elder, A.B., 1909, Principal High School, Argenta, Ill.

Frances Fell, A.B., 1908, Teacher English and Latin, High School, Rockford, Ill.

Jessie Lavina Ferguson, A.B. with Library Science, 1907, Librarian, Ferry Hall, Lake Forest, Ill.

Ella Hope Finfrock, A.B., 1907, A.M. 1908, Teacher German, etc., High School, Houston Heights, Texas.

Clarence Hubert Flegel, B.S. in Commerce and Finance, 1910, Student Law School, University of Michigan, Ann Arbor, Mich.

Bessie A. Gilman, B.S. with Library Science, 1911, Warrensburg, Ill.

Blanche Good, A.B., 1910, Teacher German and History, High School, Tuscola, Ill.

Daniel Gray, A.B., 1913, with National Grocer Co., Decatur, Ill.

Harry Fielding Hadley, A.B., 1911, Research Fellow in Engineering Experiment Station, University of Illinois, Urbana, Ill.

Clarence E. Hall, B.S. in Commerce and Finance, 1911, with Hall Bros., Clothiers, Decatur, Ill.

Blanche Hamilton, B.S. with Library Science, 1911, (Mrs. Frank Housman) Twin Falls, Idaho.

Roy M. Hamilton, B.S. in Commerce and Finance, 1910, Ranchman, Twin Falls, Idaho.

Mary Edith Hampton, B.S. with Library Science, 1912, Library Assistant, Lincoln Library, Springfield, Ill.

Jesse Harold Hampton, A.B., 1911, Advertising Solicitor, Illinois State Journal, Springfield, Ill.

Irene Handlin, B.S. in Fine and Applied Arts, 1907, Decatur, Ill.

Charles H. Hartwig, A.B., 1909, Graduate Student Leland Stanford, Jr., University, Stanford University, Cal.

Carl I. Head, B.S. in Mechanical Engineering, 1911, with Leader Iron Works, Decatur, Ill.

Alice Pryor Henderson, A.B., 1911, Teacher English, High School, Clinton, Ill.

Everett Hodge, B.S. in Commerce and Finance, 1910, with Millikin National Bank, Decatur, Ill.

Cyrus Hersell Hoggatt, B.S. in Commerce and Finance, 1908, Teacher Commercial Subjects, Central Y. M. C. A., Pittsburgh, Pa.

Corinne Painter Holcomb, (Mrs.), A.B., 1912, Decatur, Ill.

William B. Holmes, B.S. in Commerce and Finance, 1913, with Leader Iron Works, New York, N. Y.

Ellis Herndon Hudson, A.B. 1911, Teacher Syrian Protestant College, Beirut, Syria.

Harris Gary Hudson, A.B., 1909, Rhodes Scholar, Oxford, England.

Harry N. Humphrey, A.B., 1907, Ranchman, Belmont, Mont.

Chester B. Hyde, A.B., 1909, Decatur, Ill.

Walter Isaacs, B.S. in Fine and Applied Arts, 1909, Student Art Institute, Chicago, Ill.

Sarah Augusta Jacobsen, A.B., 1912, Niantic, Ill.

Zuba Earle James (Mrs.), B.S. in Domestic Economy, 1910, Teacher Domestic Economy, High School, Merrill, Wis.

Ethel Bertha Jones, A.B., 1909, (Mrs. Peter McEwen) Earl Park, Ind.

Florence M. Jones, A.B., 1906, (Mrs. C. P. Summers) Springfield, Ill.

Hazel Caroline Jones, A.B., 1909, Danville, Ill.

Ralph E. Jones, B.S. in Electrical Engineering, 1910, Farmer, Heyworth, Ill.

Robert W. Keeton, B.S. with Pedagogy, Adjunct Professor Physiology, Albany Medical College, Albany, N. Y.

Helen Ketch, A.B., 1913, Director Music, Benzonia Academy, Benzonia, Mich.

Charles W. F. King, A.B., 1909, Student McCormick Theological Seminary, Chicago, Ill.

Edward L. King, A.B., 1904, B.S. with Pedagogy, 1905, Principal High School, Normal, Ill.

Jacob Ray Kirk, B.S. in Electrical Engineering, 1908, Superintendent Electric Light Plant, Pryor, Okla.

Laura Olivia Kriege, A.B., 1913, Teacher Public Schools, Decatur, Ill.

Lottie A. Lamb, A.B., 1908, (Mrs. H. Guy Porter) Kansas City, Mo.

Mial Elias Lamb, B.S. in Civil Engineering, 1912, with Vincennes Bridge Co., Vincennes, Ind.

Lulu Lillian Laughlin, A.B., 1907. A.M., 1908, (Mrs. Edgar J. Witzemann) Chicago, Ill.

Lena Laws, B.S. in Domestic Economy, 1913, Donnellson, Ill.

Benjamin George Lehenbauer, A.B., 1909, with Union Central Life Insurance Co., Cincinnati, Ohio.

Philip Augustus Lehenbauer, B.S. with Pedagogy, 1908, A.M., 1909, Fellow in Botany, University of Illinois, Urbana, Ill.

Cora Irene Leiby, B.S. in Domestic Economy, 1909, Teacher Domestic Economy, University of Idaho, Moscow, Idaho.

Cleo Lichtenberger, B.S. with Library Science, 1911, Library Assistant Public Library, Iron Mountain, Mich.

Jessie Florence Lichtenberger, A.B., 1907, Teacher Latin and History, High School, Auburn, Wash.

Ada Emilie Lindsay, A.B., 1905, Secretary Conservatory of Music, Decatur College and Industrial School.

James M. Lively, A.B., 1911, Pastor Baptist Church, Dundee, Ill.

Lucile Logan, A.B., 1911, Bethany, Ill.

Florence L. Lyon, B.S. with Pedagogy, 1904, Graduate Student, University of Chicago, Chicago, Ill.

John Rambo Lyons, A.B., 1910, Presbyterian Missionary, Shun-te-fu, China.

Davida McCaslin, B.S. with Pedagogy, 1907, Instructor English, Decatur College and Industrial School.

Everett Baird McClelland, B.S. in Commerce and Finance, 1911, Farmer, Moweaqua, Ill.

Ben McCrum, B.S. in Civil Engineering, 1911, County Surveyor, Keytesville, Mo.

Horace Wilson McDavid, A.B., 1907, Lawyer, Decatur, Ill.

William Ray McGaughey, A.B., 1906, Cashier Mt. Zion Bank, Mt. Zion, Ill.

Fredric Talley McGee, A.B., 1909, Newspaper and Magazine Writer, Oklahoma City, Okla.

Philip Henry McGrath, A.B., 1910, Lawyer, Chicago, Ill.

Mary Elizabeth McKennan, A.B., 1912, (Mrs. W. A. Reynolds) Los Angeles, Calif.

Cecil Baird McReynolds, B.S. in Civil Engineering, 1910, Hardware Business, Cynthiana, Ind.

Anna Dora Magil, A.B., 1907, (Mrs. I. L. Sears), Waverly, Ill.

Ansell O. Magill, A.B., 1908, Physician and Surgeon, Sullivan, Ill.

Masuji Matsumoto, B.S. in Commerce and Finance, 1908, Brokerage Business, Tokio, Japan.

Carleton F. Mattes, B.S. in Commerce and Finance, 1909, Wallender-Wilder-Mattes Co., Decatur, Ill.

Jewel May, A.B., 1912, Teacher Public Schools, Decatur, Ill.

Lloyd L. Meeker, A.B., 1913, Student Garrett Biblical Institute, Evanston, Ill.

Byron McCoy Merris, A.B., 1913, Clerk to Justice of Peace, Decatur, Ill.

Frank Clifford Miller, B.S. in Mechanical Engineering, 1909, Instructor Mechanical Engineering, Montana State College, Bozeman, Mont.

Hallie May Miller, A.B., 1907, Teacher Mathematics, High School, Grafton, N. D.

Margaret Josephine Miller, A.B., 1912, Decatur, Ill.

Trenna June Miller, A.B., 1906, (Mrs. George G. Taylor) Highland Park, Ill.

Burwell A. Million, B.S. in Commerce and Finance, 1913, with Butler Bros., St. Louis, Mo.

Helen Elizabeth Mills, A.B., 1909, B.S. in Fine and Applied Arts, 1912, Teacher Drawing, Departmental School, Decatur, Ill.

Judith Belle Mills, A.B., 1907, (Mrs. Keach Bone) Petersburg, Ill.

Helen Lucretia Moffett, A.B., 1913, (Mrs. Amstead Staley) Dallas, Tex.

Dwight A. Montgomery, A.B., 1910, Insurance Business, Decatur, Ill.

Mildred Hitchcock Montgomery, B.S. in Fine and Applied Arts, 1912, Decatur, Ill.

John Paul Montgomery, B.S. in Commerce and Finance, 1913, with Butler Bros., Chicago, Ill.

Josiah Arthur Moore, B.S. in Commerce and Finance, 1907, Special Agent U. S. General Land Office, Seattle, Wash.

Lillian M. Moore, A.B., 1910, (Mrs. Lloyd Moore) Assumption, Ill.

Effie M. Morgan, A.B., 1913, Teacher English and German, High School, Clinton, Ill.

Edgar D. Morrow, A.B., 1907, Farmer and Stock Raiser, Newman, Ill.

James David Moses, B.S. in Commerce and Finance, 1906, Lumber Business, Emporia, Kans.

Harry B. Munch, A.B., 1913, Reporter, Decatur Herald, Decatur, Ill.

Leon Goodbrake Myers, A.B., 1912, Supervisor Reliance Life Insurance Co., Clinton, Ill.

Thomas Barker Myers, A.B., 1912, Teacher English, High School, Rock Island, Ill.

Narcissa LaRue Neisler, A.B., 1911, (Mrs. H. K. Davenport) Hood River, Ore.

Anna Catherine New, A.B., 1912, Teacher Mathematics and English, High School, Highland, Ill.

Arthur Wilhelm Niedermeyer, A.B., 1912, Superintendent Schools, Atwood, Ill.

Edgar David Nitchals, B.S. in Electrical Engineering, 1910, Engineer, Y. M. C. A., Kansas City, Mo.

Ray Oliphant, B.S. in Electrical Engienering, 1907, with General Electric Co., St. Louis, Mo.

Elsa M. Olsen, A.B., 1907, (Mrs. Lester Barry) Deceased.

Julia Owings, B.S. in Fine and Applied Arts, 1912, Teacher, Public Schools, Decatur, Ill.

Charles Bertram Padon, B.S., in Electrical Engineering, 1907, with Westinghouse Electric Co., Chicago, Ill.

Florence Sarah Page, A.B., 1911, Decatur, Ill.

Rhoda Ferne Parr, A.B., 1912, (Mrs. Corydon Wilkin) Paris, Tex.

Jessie Elizabeth Patterson, A.B., 1912, (Mrs. Paul Montgomery O'Day) Springfield, Mo.

Letha Bayhan Patterson, A.B., 1907, Proof Reader, Review Publishing Co., Decatur, Ill.

Daisy Venita Payne, A.B., 1907, (Mrs. Dwight L. Young) Richmond, Ind.

Jessie Reeves Penhallegon, A.M., 1908, (Mrs. Harry Crea) Texas City, Tex.

Lucy W. Penhallegon, B.S. with Pedagogy, 1905, (Mrs. O. C. Montgomery) Los Angeles, Cal.

Floyd Winton Perry, B.S. in Commerce and Finance, 1911, Gary, Ind.

Loyal John Petrie, B.S. in Commerce and Finance, 1911, Wholesale Leather Business, Chicago, Ill.

Cordelia Georgia Pierson, A.B., 1910, Instructor History and Economics, Ballard Normal School, Macon, Ga.

Everett Wilson Pinkstaff, A.B., 1912, with Shevlin-Clarke Co., L't'd., Fort Frances, Ont.

Mary Leslie Poor, A.B., 1907, (Mrs. Crawford Smith) Louisville, Ky.

H. Guy Porter, B.S. in Electrical Engineering, 1907, Deputy Meter Inspector, Kansas City, Mo.

Charles Arthur Post, B.S. in Commerce and Finance, 1907, Wholesale Grocery Business, Des Moines, Iowa.

Marguerite Shaw Potter, A.B., 1913, Teacher English and History, Township High School, Stonington, Ill.

Edith Margaret Potts, A.B., 1910, A.M., 1912, Teacher, Public Schools, Syracuse, Ind.

Mary Prestley, A.B., 1913, Teacher Public Schools, Decatur, Ill.

Dorothy Ann Pyatt, A.B., 1909, (Mrs. Kent Williamson) Bethany, Ill.

Charles F. Record, A.B., 1905, Pastor Presbyterian Church, Centralia, Ill.

Blanche Redmon, A.B., 1912, A.M., 1913, Decatur, Ill.

Minnie Redmon, A.B., 1907, Teacher Science, High School, Centralia, Ill.

James Albert Richardson, A.B., 1909, Principal Ward School, Springfield, Ill.

Harry E. Riggs, B.S. in Commerce and Finance, 1913, with Strathmore Paper Co., Springfield, Mass.

Corwine E. Roach, A.B., 1911, Manager Capital City Paper Co., Springfield, Ill.

Ethel Rogers, A.B., 1910, (Mrs. Arthur O'Keefe) Springfield, Ill.

Walter E. Rogers, A.B., 1913, Histologist, St. Louis Biological Laboratory, University Heights, St. Louis, Mo.

Edward W. Ross, B.S. in Commerce and Finance, 1910, with Leader Iron Works, New York, N. Y.

Flora Emma Ross, A.B., 1910, Teacher German, High School, Muscatine, Iowa.

Verne R. Ross, A.B., 1908, Teacher Chemistry, High School, Covina, Cal.

Lena Marie Russell, A.B., 1912, Teacher Mathematics, High School, Lovington, Ill.

Margaret Louise Russell, A.B., 1912, Teacher Public Schools, Decatur, Ill.

Robert Zink Sanders, A.B., 1907, Physician, Decatur, Ill.

Norman J. Sansom, B.S. in Commerce and Finance, 1909, with Freeport Buggy Co., Freeport, Ill.

Harry Tecumseh Scherer, A.B., 1913, Student McCormick Theological Seminary, Chicago, Ill.

John F. Schudel, A.B., 1905, Laundry Business, Decatur, Ill.

John Lee Scott, A.B., 1909, Teacher Mathematics, High School, Springfield, Ill.

Marie Scott, A.B., 1913, Bethany, Ill.

Mary Edna Scott, A.B., 1912, Teacher Public Schools, Springfield, Ill.

Mary Lois Scott, A.B., 1912, Portland, Ore.

Dorothy Josephine Shade, A.B., 1912, Decatur, Ill.

Susan Mildred Shipp, B.S. in Fine and Applied Arts, A.M., 1912, Teacher, Public Schools, Paris, Ill.

Emma Pearl Shore, A.B., 1909, Chandlerville, Ill.

Ethel Winifred Shore, A.B., 1911, Teacher Mathematics and Science, Minier, Ill.

Hiram M. Shumway, B.S. in Commerce and Finance, 1908, Merchant, Taylorville, Ill.

Thekla Maria Siebens, A.B., 1911, Scholar in German, University of Illinois, Urbana, Ill.

Maurice Stanley Sly, A.B., 1910, with Irwin Neisler & Co., Pharmaceutical Chemists, Decatur, Ill.

William Edgar Smith, A.B., 1913, Student Union Theological Seminary, New York, N. Y.

Elmer C. Spence, A.B., 1913, Teacher Ingle's Instituto, Santiago, Chile. (At LeRoy, Ill., on leave of absence.)

Irene Elizabeth Staley, A.B., 1909, Teacher English, High School, DeKalb, Ill.

Edgar David Stapp, B.S. in Civil Engineering, 1910, Government Survey, Rock Falls, Ill.

Esther Marie Starr, B.S. in Domestic Economy, 1911, Decatur, Ill.

Edgar Foster Stevens, B.S. in Electrical Engineering, 1912, with Union Electric Light and Power Co., St. Louis, Mo.

Ruth Amanda Stevens, B.S. in Domestic Economy, 1909, A.M., 1910, Teacher Domestic Science, High School, Telluride, Colo.

Louise Cornelia Stevenson, B.S. in Domestic Economy, 1910, General Secretary Y. W. C. A., Fargo, N. D.

Celia Louise Still, B.S. in Domestic Economy, 1909, (Mrs. H. H. Kaukel) Tower Hill, Ill.

Iva M. Still, A.B., 1905, Decatur, Ill.

G. Ellen Stone, A.B., 1908, Evansville, Ind.

Helen Lovica Stone, B.S. in Domestic Economy, 1907, (Mrs. J. C. Wilson) Milwaukee, Wis.

Edna Louise Strader, B.S. in Domestic Economy, 1910, Supervisor Domestic Science, Public Schools, Paris, Ill.

Stanley Stillwell Thayer, B.S. in Commerce and Finance, 1913, with Citizens' National Bank, Decatur, Ill.

Grace Lorraine Thrift, A.B., 1911, Student University of Illinois, Urbana, Ill.

Pearl Emily Tippett, A.B., 1911, (Mrs. Carleton F. Mattes) Decatur, Ill.

Clara Loos Tooker. B.S. in Domestic Economy, 1910, (Mrs. August Strauch) Chicago, Ill.

Katherine M. Trautman, B.S. in Domestic Economy, 1908, Teacher Domestic Science, Public Schools, Decatur, Ill.

Anna Belle Uhler, A.B., 1906, Teacher, Public Schools, Decatur, Ill.

Arthur VanCleve, A.B., 1908, Lawyer, Decatur, Ill.

Dean Moorman Veirs, B.S. in Civil Engineering, 1911, Civil Engineer, Great Northern R. R., St. Paul, Minn.

Jennie Marguerite Votaw, A.B., 1911, Student Nurse, Michael Reese Hospital, Chicago, Ill.

Anna Sloan Walker, (Mrs.) A.B., 1912, Teacher High School, Skykomish, Wash.

Lloyd Scott Wallace, B.S. in Electrical Engineering, 1910, with Ft. Wayne Electric Works, Boston, Mass.

J. Ben Wand, A.B., 1911, Reporter, Decatur Review, Decatur, Ill.

James E. Wasem, B.S. in Commerce and Finance, 1910, Grain and Stock Dealer, Patoka, Ill.

Iva Ingersoll Wasson, A.B., 1912, Student Hughey Color Music, Decatur College and Industrial School.

Lois Wasson, A.B., 1913, Instructor in Singing, Millikin Conservatory, Decatur, Ill.

Margaretha Sue Webber, A.B., 1911, Teacher Public Schools, Decatur, Ill.

Paul S. Welsh, A.B., Fellow in Zoology, 1910, Associate Professor of Entomology, Kansas State Agricultural School, Manhattan, Kans.

Roy A. Wentz, B.S. in Electrical Engineering, 1912, Teacher Mathematics and Director of Athletics, High School, Springfield, Ill.

George Elmus West, A.B., 1910, Farmer, Omaha, Ill.

William Allen West, A.B., 1909, Farmer, Omaha, Ill.

Casca Brown Whitehouse, A.B., 1907, Superintendent Schools, Augusta, Ill.

Don Wickard, B.S. in Commerce and Finance, 1911, Farmer and Stock Raiser, Camden, Ind.

Mabel Edith Williams, A.B., 1911, Teacher English, High School, Oregon, Ill.

Kent Williamson, A.B., 1907, Banking Business, Bethany, Ill.

Joel B. Williamson, A.B., 1909, with New Kentucky Coal Co., Chicago, Ill.

Della Ford Wilson, B.S. in Fine and Applied Arts, 1910, Instructor Fine and Applied Arts, Decatur College and Industrial School.

Edgar J. Witzemann, A.B., 1907, Chemist, Otho S. A. Sprague Memorial Institute, Chicago, Ill.

Harvey Aden Wood, B.S. in Electrical Engineering, 1912, with Central Illinois Public Service Co., Macomb, Ill.

John George Wozencraft, A.B., 1906, Pastor Presybterian Church, McConnelsville, Ohio.

Ethel Margaret Yanders, A.B., 1906, (Mrs. Ralph Foster) Teacher Latin, High School, Norwalk, Ohio.

Maude Yarnell, A.B., 1913, Teacher Languages, High School, Moweaqua, Ill.

Grover Walter Yoder, B.S. in Commerce and Finance, 1912, Capital City Paper Co., Springfield, Ill.

Lois Irene Yoder, A.B., 1911, Teacher English, High School, Litchfield, Ill.

Roger Young, A.B., 1912, Y. M. C. A. Assistant Secretary, Racine, Wis.

JH1

CATALOG NUMBER

The
James Millikin University Bulletin

DECATUR COLLEGE

1914-1915

With Announcements for 1915-1916

1901

Published by

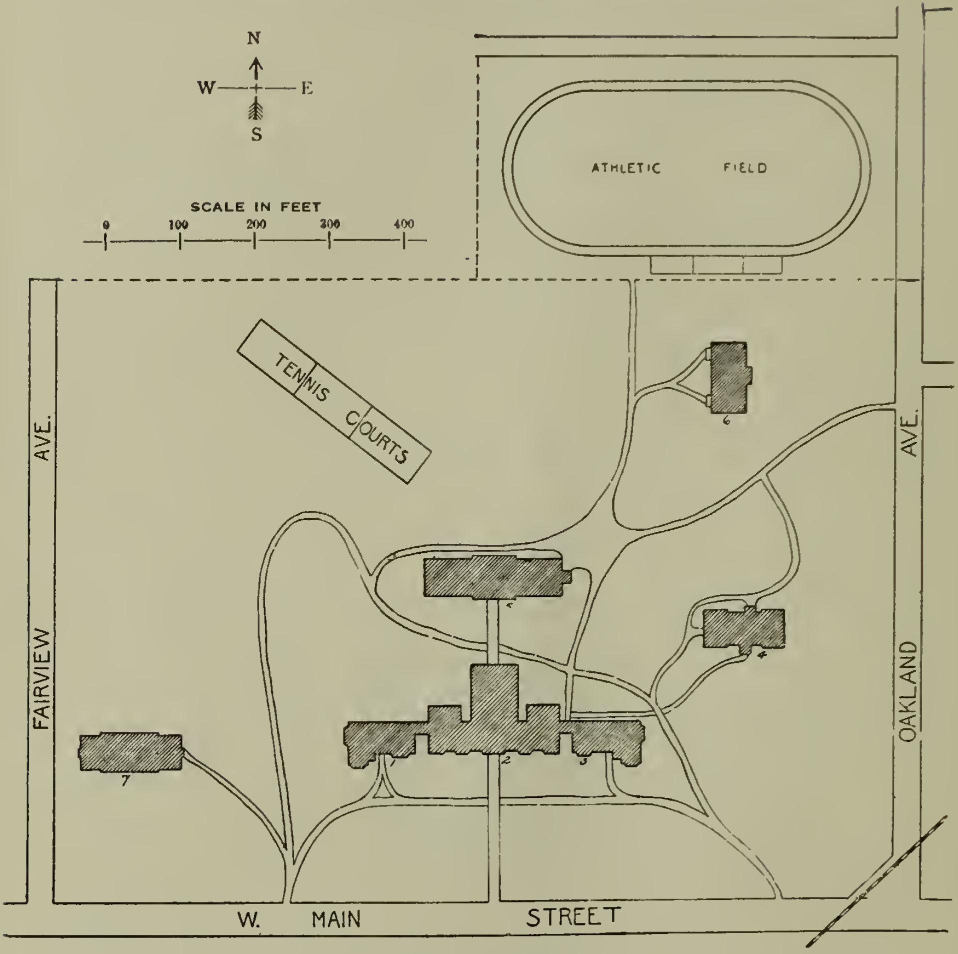
THE UNIVERSITY

at

DECATUR, ILLINOIS

Entered February 26, 1904, at Decatur, Ill., as Second Class Matter

PLAT SHOWING LOCATION OF BUILDINGS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Names of Buildings

1. Engineering Hall
2. Liberal Arts Hall
3. Domestic Economy Hall
4. Aston Hall
5. Machinery Hall
6. Gymnasium
7. Conservatory of Music

The James Millikin University Bulletin

DECATUR COLLEGE AND INDUSTRIAL SCHOOL

VOLUME XII DECATUR, ILL., MAY, 1915 NUMBER 5

TABLE OF CONTENTS

- Absences 20
- Academy
  - Conditions of Admission.... 66
  - Courses 67, 68, 70, 71
  - Curricula 66, 70, 71
  - Purpose 66
- Administration, Officers of.... 6
- Admission, College 10
- Advanced Standing.......... 12
- Agriculture, Six Weeks' Course 65
- Alumni Addresses............ 80
- Aston Hall.................. 17
- Athletics 19
- Attendance, Summary of..... 80
- Bible Study................. 20
  - Academy 70
  - College 23
- Board of Managers.......... 6
- Board of Trustees........... 6
- Boarding 18
- Calendars 4, 5
- Campus 14
- Certificates
  - Apprentice 58
  - Domestic Economy 48
  - Education 38–41
  - Fine and Applied Arts.....50, 51
  - Manual Training........... 42
  - Manual Training, Athletics.. 35
  - Music 60
- Chapel Attendance 20
- China Painting 52
- Church Attendance 20
- College, Organization of...... 10
- Committees
  - Board of Managers......... 6
  - Faculty 6
- Concerts 61
- Conservatory of Music.......17, 59
- Contests 20
- Courses of Study
  - Applied Arts.............. 52
  - Commerce, Finance........ 44
  - Domestic Economy
    - Domestic Art........... 48
    - Domestic Science........ 47
- Courses of Study (Continued)
  - Education 38
  - Engineering ....
    - Apprenticeships 58
    - Civil 54
    - Electrical 57
    - Mechanical 57
  - Fine Arts 51
  - Keramics 52
  - Liberal Arts 23–32
  - Library Science 28
  - Manual Training 42
  - Music 60
  - Physical Training 32
- Credits 12
- Degrees
  - Bachelor's 12, 22, 38, 43, 46, 50, 61
  - Master's 12, 13
- Departments of
  - Applied Arts 52
  - Biblical History and Literature 23, 70
  - Biology 24, 68
  - Chemistry 25, 68
  - Domestic Art 48, 70
  - Domestic Science 47, 70
  - English 25, 67
  - Fine Arts 51
  - History and Political Science 27, 68
  - Latin and Greek 27, 67
  - Library Science 28
  - Manual Training 42, 68
  - Mathematics 29, 68
  - Modern Languages 30, 67
  - Music Teaching 62
  - Philosophy 31
  - Physical Training 32
  - Physics 32, 68
  - Public Speaking and Vocal Expression 32
- Dormitory (see Aston Hall)..
- Drawing 51, 57
- Electives 10, 22
- Equipment 18
- Examination and Standing....12, 20
- Expenses 18
- Faculty, List of............ 7
- Fees 18
- Fellowships 18
- General Information 14
- Government 20
- Graduate Study............. 12
- Intercollegiate Contests..... 20
- Keramics 52
- Library 18
- History and Organization of The College............. 14
- Literary-Music Course 41, 60
- Manual Training 42, 68
- Matriculation 13
- Physical Training 32
- Prizes 21
- Psychological Clinic 38
- Publications 19
- Purpose of The College....... 14
- Recitals 61
- Regulations 20
- Religious Education 40
- Religious Life 20
- Required Hours 12
- Rooms 18
- Scholastic Honors........... 1
- Schools of
  - Commerce and Finance..... 43
  - Domestic Economy 46
  - Education 37
  - Engineering 54
  - Fine and Applied Arts..... 50
  - Liberal Arts 22
  - Music (Conservatory) 17, 59
- Social Functions 20
- Societies 19
- Students, List of............ 73
- Student Organizations........ 18
- Symphony Orchestras 61
- Teachers' Training Classes (see Departments and Education)
- Theses 12

CALENDAR

1915

JANUARY

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College Calendar for 1915-1916

FIRST SEMESTER

Registration Days, Monday and Tuesday, September 13 and 14.
Classes begin September 15.
College Reception to New Students, September 15.
College Hallowe'en Frolic, October 29.
Home Coming Day, November 13.
Second Half, First Semester, begins November 15.
Thanksgiving Recess includes November 25, 26, and 27.
Inter-Society Contest, December 10.
Holiday Recess includes December 19 and January 3.
Semester Examinations include Tuesday to Saturday, January 25-30.

SECOND SEMESTER

Registration Days, January 31 and February 1.
Classes begin February 2.
Brown Debate, February 11.
Annual Class Parties, February 22.
Tri-Collegiate Debate, March 17.
Second Half, Second Semester, begins April 3.
Glee Club Home Concert, April 14.
Easter Recess includes Thursday to Monday, April 20-24.
Senior Theses due May 1.
Freshman-Sophomore Forensic Contest, May 5.
Orations due for Millikin Club Oratorical Contest, May 10.
Founder's Day, May 13.
Stories due for Brownback Short-Story Contest, May 15.
Annual College May Fete, May 18.
Decoration Day, May 30, Holiday.
Semester Examinations include Monday to Friday, June 5-9.
Annual Exhibition Day, Friday, June 9, afternoon and evening.
Graduating Exercises of the Academy, June 10, morning.
Annual Dramatic Club Play, June 10, evening.
Baccalaureate Sermon, Sunday, June 11.
Class Day, June 12.
Graduating Exercises of the Conservatory, June 12, evening.
Commencement of the College, Tuesday, June 13.
    Commencement Address and Awarding Degrees, 9:30 a. m.
    Alumni Luncheon, noon.
    President's Reception, 4 p. m.

The Boards of Control

The Board of Trustees of the University

W. J. Darby, *President, Evansville, Indiana.*
E. G. King, *Vice-President, Lincoln.*
H. E. Starkey, *Secretary, Lincoln.*
J. C. Fisher, *Treasurer, Decatur.*
W. H. Penhallegon, *Decatur.*
L. B. Stringer, *Lincoln.*
*A. C. Boyd, *Lincoln.*
*W. C. Outten, *Decatur.*
F. E. Bell, *Mattoon.*
W. H. Evans, *Lincoln.*
S. E. McClelland, *Decatur.*
G. B. Spitler, *Mt. Zion.*
J. E. Williamson, *Evansville, Indiana.*
A. H. Mills, *Decatur.*
R. L. VanNice, *Waukon, Iowa.*
*Deceased.

The Board of Managers of the Decatur College and Industrial School

W. H. Penhallegon, *President, Decatur.*
S. E. Walker, *Vice-President, Decatur.*
C. W. Dyer, *Secretary, Decatur.*
O. B. Gorin, *Treasurer, Decatur.*
A. R. Scott, *Bethany.*
Adolph Mueller, *Decatur.*
G. A. Stadler, *Decatur.*
L. A. Mills, *Decatur.*
W. M. Wood, *Decatur.*
H. W. McDavid, *Decatur.*
G. E. Fellows, *ex-officio, Decatur.*

Chairmen of Standing Committees of the Board

Aston Hall—C. W. Dyer.
Buildings—S. E. Walker.
Curriculum—H. W. McDavid.
Faculty—W. M. Wood.
Finance—G. A. Stadler.
Grounds—L. A. Mills.
Insurance—Adolph Mueller.

General Administration

President of the College—George Emory Fellows.

President of the University, Emeritus—Albert Reynolds Taylor.

Secretary and Auditor—Calvert Welch Dyer.

The Executive Committee of the Faculty—John Charles Hessler, Albert Taylor Mills, William Wilberforce Smith.

Dean of Women—Lillian Merrill Walker.

Committees of the Faculty

Admissions and Standings—Professors Risley, Hessler, Conant.

Aston Hall—Dean Walker, Professors Machan, Dunlap, Skinner.

Chapel—Professors Mills, Meek.

Contests—Professors Mills, Conant, Seldomridge, Risley, Gould, McCaslin.

Curriculum—Professors Galloway, Hessler, Rouse.

Flowers and Decoration—Professors Hekking, Machan, Cole.

Lecture Course—Professors Seldomridge, McCoy, M. Swarthout.

Library—Professors Galloway, Conant, Allin.

Publications—Professors Rouse, Kellogg, Hessler, Meek, McCaslin.

Religious Work (Y. M. C. A.)—Professors Meek, Mills, Burling, Crosier.

Religious Work (Y. W. C. A.)—Professors Conant, Skinner, Dunlap.

Rules and Regulations—Professors Galloway, Kellogg, Smith, Meek, Dean Walker.

Schedule—Professors Risley, Smith, Gould.

THE FACULTY

George Emory Fellows, *President of the College* (1913-). Lawrence University, A.B.; University of Munich, 1888-1889; University of Berne, Ph.D., 1890; Lawrence University, L.H.D., 1902; Bowdoin College, LL.D., 1902; Professor of European History, Indiana University, 1891-1895; Assistant Professor of History, University of Chicago, 1895-1902; President of University of Maine, 1902-1911.

Albert Reynolds Taylor, *President of the University, Emeritus*—Lincoln University, Ph. B., 1872, Ph. D., 1882; Cumberland University, LL.D., 1906; Professor of Natural Science, Lincoln University, 1872-1882; President of State Normal School of Kansas, 1882-1901; President of James Millikin University, 1901-1913.

Thomas Walton Galloway, *Secretary of the Faculty and Professor of Biology* (1903-)—Cumberland University, A.B., 1887; A.M., 1889, Ph.D., 1892; Harvard University, A.M., 1890; Missouri Valley College, Litt.D., 1914; Professor of Natural History Sciences, Baird College, Mo., 1887-1889; Professor of Biology, Missouri Valley College, 1889-1902, and Dean, 1898-1902.

Albert Taylor Mills, *Professor of History and Political Science* (1903-)—State Normal School of Kansas, 1893 and 1896; University of Michigan, Ph.B., 1899, A.M., 1908; University of Chicago, 1899; Lincoln and Jefferson University, LL.B., 1912; Assistant, Model Department Kansas State Normal School, 1895-1896; Professor of History and Civil Government, North Dakota State Agricultural College, 1899-1903.

Robert James Kellogg, *Professor of Modern Languages* (1903-)—Cornell University, A.B., 1891, Ph.D., 1896; Fellow, 1892-1893; Instructor in Languages, Cascadilla School, 1891-1893, and Ithaca High School, 1895-1896; Instructor in Greek, Colgate Academy, 1896-1897; Professor of Greek, Richmond, Virginia, College, 1897-1901; Instructor in Modern Languages, Jones Summer School, 1895-1896 and 1898-1903. (On leave of absence).

Grace Patten Conant, *Professor of English* (1906-)—Bates College, A.B.; Cornell University, A.M., 1897; Bates College, Litt.D., 1914; Fellow, Cornell University, 1897-1898, and University of Chicago, 1898-1899; School of Expression, Boston, 1895; Instructor in English, Vermont Academy, 1896; Associate Professor of English, Goucher College, 1899-1904; Professor of English, The Western College for Women, 1905-1906; Director, Department of English, Colorado Chautauqua, 1911 and 1912.

Lorell Mortimer Cole, *Professor of Manual Training* (1906-)—Stout Manual Training School for Teachers, 1906; Teacher and Principal in Wisconsin Graded and High Schools, 1889-1901; Assistant, Stout Manual Training School, 1901-1902; Director of Manual Training, Dunn County School of Agriculuture, 1902-1906; Manual Arts, University of Virginia, 1911 and 1912.

John Charles Hessler, *Professor of Chemistry* (1907-)—University of Chicago, A.B., 1896; Ph.D., 1899; Instructor in Science, Lake High School, Chicago, 1890-1892; Instructor in Chemistry, Hyde Park High School, Chicago, 1892-1899; Instructor in Chemistry, University of Chicago, 1899-1907.

William Wilberforce Smith, *Professor of Commerce and Finance* (1909-)—Lafayette College, A.B. and A.M.; Headmaster, Englewood (N. J.) School for Boys, 1885-1895; Headmaster, Berkley School, New York City, 1904-1905; Lafayette College, LL.D., 1905; President of Coe College and Professor of Economics and Sociology, Cedar Rapids, Iowa, 1905-1908; eight years in business.

Theophile James Meek, *Professor of Biblical History and Literature* (1909-)—University of Toronto, A.B., 1903; University of Toronto and Knox College, Toronto, 1903-1904; McCormick Theological Seminary, 1904-1906; Nettie F. McCormick Traveling Fellow in Hebrew, 1906-1908; University of Marburg, 1906; University of Berlin, 1906-1908; American School of Oriental Study and Research, Jerusalem, 1908; McCormick Theological Seminary, B.D., 1909.

Walter John Risley, *Professor of Mathematics* (1910-)—University of Michigan, B.S., 1900; University of Illinois, A.M., 1907; Harvard University, A.M., 1908; Instructor in Mathematics and Physics, Joliet Township High School, 1900-1903; Instructor in Mathematics, Armour Institute of Technology, 1903-1905; University of Illinois, 1905-1907, and Harvard University, 1909-1910.

Isabella Thompson Machan, *Professor of Latin and Greek* (1915-)—Wellesley College, A.B.; Columbia University, 1902; Wellesley College, A.M. 1905; Teacher of Ancient Languages, Franklin School, 1888-1889; Preceptress, Ancient Languages and History, Hebron Academy, 1889-1898; Assistant Professor of Latin and Greek, Decatur College and Industrial School, 1903-1908, and Associate Professor, 1908-1915.

Mabel Dunlap, *Professor of Domestic Art* (1911-) Ohio Normal School and Oswego State Normal School, 1903; Teachers' College, Columbia University, B.S., with Diploma in Domestic Art, 1908; Instructor, primary schools three years; Instructor and Supervisor, North Bennett Industrial School, Boston, 1908-1911.

Edna E. Skinner, *Professor of Domestic Science* (1912-)—Michigan State Normal College, Diploma, 1901; Teachers' College, Columbia University, B.S., with Diploma in Domestic Science, 1908; Teacher and Principal, Woodruff School, Ypsilanti, Michigan, 1901-1903; Instructor in Domestic Science, Teachers' College, 1908-1912.

William Mathews Hekking, *Professor of the Theory and Practice of Art* (1912-)—Syracuse University, B.P., 1908; Ecole des Beaux Arts, Colarossi, Julian, Pupil of Jean Paul Laurens, Paris; Art Students' League, New York; Hiram Gee Fellowship in Painting, Syracuse, 1908; A.S.L. Scholarship, 1908; Atalier Prize, Julian, 1909; John Wanamaker Prize, 1912; Instructor in Drawing and Illustration, Syracuse University, 1911-1912.

Fletcher A. Gould, *Professor of Civil Engineering* (1912-)—Michigan Agricultural College, B.S., 1907; C.E., 1914; University of Michigan, 1907-1908; Civil Engineer at Owasso, Michigan, 1908-1909; Instructor and Assistant Professor in Civil Engineering, Oregon Agricultural College, Corvallis, 1909-1912.

John Edward Rouse, *Professor of Philosophy and Education* (1913-)—Warrensburg (Mo.) State Normal School, B.S.D., 1891; Lincoln (Ill.) College, A.B., 1894; University of Kansas, A.M., 1896; Harvard University, A.M., 1901, Ph.D., 1912; Townsend Scholar in Philosophy, 1902-1903; Research Student, Physiological Laboratory, Harvard Medical School, 1912-1913; Universities of Berlin and Leipzig, 1910-1911, and Jena, 1912. Instructor in Philosophy and Education, Dartmouth College, 1907; Instructor in Philosophy and Education, Decatur College and Industrial School, 1908-1910, and Recorder, 1909-1910.

Eugenia Allin, *Librarian and Professor of Library Science* (1914-)—Library School of University of Illinois, B.S.L., 1903; Librarian and Instructor in Library Science, Decatur College and Industrial School, 1903-1910; Organizer, Illinois Library Extension Commission, 1910-1914.

Beverly Burdette Burling, *Professor of Electrical Engineering* (1913-)—University of Wisconsin, B.S. in Electrical Engineering, 1906; Electro-Chemical Engineer, Gould Storage Battery Co., Depew, N. Y., 1907-1909; Private research, Electro-Chemical Laboratory, Waukegan, Ill., 1910; Research Work, University of Wisconsin, 1911-1913; Superintendent of French Battery and Carbon Co., Madison, Wis., 1911-1913; (Resigned, January 29, 1915).

Howard G. Seldomridge, *Professor of Public Speaking* (1913-)—School of Expression, Boston, Graduate, 1902; Diploma in Philosophy of Teaching, 1903; Lecturer, McConnell Lyceum Bureau, 1903-1904; Instructor in School of Expression, Boston, 1904-1906; Harvard University, 1905-1906; Instructor in Public Speaking, Oklahoma State Agricultural and Mechanical College, 1907-1913.

Lillian Merrill Walker, *Dean of Women* (1914-)—Oxford College, A.B.; Dean of Holden Hall, Wooster University, 1907-1912; Dean of Aston Hall, Decatur College and Industrial School, 1912-1914.

Calvert Welch Dyer, *Secretary* (1903-) *and Auditor* (1913-)—Cumberland University, A.B., 1900; Lockyear's Business College, Indiana, 1902; Instructor in Commerce and Finance, Decatur College and Industrial School, 1903-1911.

John Peter McCoy, *Principal of the Academy and Associate Professor of Education* (1914-)—University of Kansas, 1904; State Normal School of Kansas, A.B., 1913; University of Chicago, Ph.B., 1913; Columbia University, A.M., 1914; Superintendent of Schools, Meade Center, Kansas, 1901-1902, and Wamego, Kansas, 1906-1912.

Carl I. Head, *Acting Professor of Mechanical Engineering* (1915)—Decatur College and Industrial School, B.S. in Mechanical Engineering, 1911; Instructor in Drawing and Design, Michigan Agricultural College, 1912-1914; Draftsman, Mueller Manufacturing Company, 1911-1912, and Designer, Leader Iron Works, Decatur, 1914; Engineering Department, Illinois State Highway Commission, 1913 (Second Semester).

Davida McCaslin, *Associate Professor of English* (1913-)—Coe College, A.B., 1904; Decatur College and Industrial School, B.S. with Pedagogy, and Fellow in English, 1907; University of Minnesota, A.M., 1912, and Scholar in Rhetoric, 1911-1912; Teacher in Public Schools, Hoopeston, Illinois, 1905-1906; Instructor in English, Decatur College and Industrial School, 1907-1913.

Bonnie Rebecca Blackburn, *Associate Professor of Modern Languages* (1914-)—Decatur College and Industrial School, A.B., 1908; University of Chicago, 1912; Assistant Professor of Modern Languages, Coe College, 1908-1909; Instructor in Modern Languages and English, Decatur College and Industrial School, 1909-1913; Professor of Modern Languages and Dean of Women, Northwestern College, 1913-1914.

Robb Carson, *Associate Professor of Commerce and Finance* (1914-15)—Princeton University, A.B., 1907, A.M., 1914; Manager, Contract Department, Pittsburg Agency, National Surety Company, 1910-1913. (First Semester).

Roy Emerson Curtis, *Associate Professor of Commerce and Finance* (1915-)—Nebraska Wesleyan University, A.B., 1907; University of Wisconsin, A.M., 1908, Ph.D., 1912; Physical Director, Nebraska Wesleyan University, 1906-1907; Scholar, University of Wisconsin, 1907-1908; Assistant Professor, Lawrence College, 1908-1909; Instructor, Davenport (Ia.) High School, 1909-1910; Fellow and Assistant Instructor, University of Wisconsin, 1910-1912; Director of School of Commerce, University of Georgia, 1912-1914; Oberlin College, 1914-1915 (First Semester).

Neil Price, *Director of Physical Training* (1914-)—Olivet College, A.B., 1912; Battle Creek, Michigan, Normal School of Physical Education, 1912; University of Michigan, 1913; University of Illinois, 1914; Physical Director, Cadillac, Michigan, High School, 1912-1914.

Mollie Grubel, *Instructor for Women, Physical Training* (1907-)—Illinois State Normal University, 1897-1898; University of Wisconsin, 1902; Harvard University, Physical Training Courses, 1903 and 1904; Chautauqua School of Physical Training, 1907; Teacher, Decatur Public Schools and Private Gymnasium Classes 1899-1906; Physical Director, Decatur Y. W. C. A., 1906-1907.

Lucile Margaret Bragg, *Recorder and Instructor in Latin and Greek* (1910-)—Decatur College and Industrial School, A.B. 1909; A.M., 1910; Fellow in Ancient Languages, 1909-1910.

Elizabeth Wilson Putnam, *Instructor in Fine and Applied Arts* (1912-)—Chicago Art Institute, Graduate, 1907; Summer School, Chicago Art Institute, 1909, 1910, 1912, 1914; School of Painting, Saugatuck, Mich., Summer School, 1911; Practical Experience, The Roycrofters, East Aurora, N. Y., 1908; Instructor, Art Institute, Chicago, 1807, and Summer School 1909, 1910, 1912; Instructor, Department of Architecture and Drawing, Kansas State Agricultural College, 1908-1911; Instructor in Drawing, High School, Lawrence, Kansas, 1911-1912.

Charline Fender Wood, *Instructor in English* (1913-)—The Western College for Women, A.B., 1905; University of Chicago, 1913; Teacher in Public Schools, Muncie, Indiana, 1905-1911; Teacher of English, Departmental School, Decatur, 1911-1913.

Caroline Stookey Lutz, *Instructor in English* (1913-)—Decatur College and Industrial School, 1907-1909; Goucher College, A.B., 1911; Fellow in German, Decatur College and Industrial School, 1911-1912; Instructor in English, Preparatory Branch of West Virginia University, 1912-1913.

Harold Romaine Phalen, *Instructor in Mathematics* (1913-) *and in Physics* (1914-)—Tufts College, B.S., in Mechanical Engineering, 1912.

Della Ford Wilson, *Instructor in Fine and Applied Arts* (1913-)—Decatur College and Industrial School, B.S. in Fine and Applied Arts, 1910; People's University, St. Louis, 1911 and 1913, Scholar in 1911; Applied Arts Summer School, Chicago, 1912; Instructor in Drawing, Decatur College and Industrial School, 1910; Teacher of Applied Arts, Decatur, Illinois, High School, 1911-1913.

William Franklin Henderson, *Instructor in Chemistry* (1914-)—Decatur College and Industrial School, A.B., 1914.

Opal Dean Riddle, *Instructor in Domestic Art* (1914-)—Decatur College and Industrial School, B.S. in Domestic Economy, 1914;

Bessie Anna Bishop, *Instructor in Domestic Science* (1914-)—Decatur College and Industrial School, B.S. in mestic Economy, 1914.

Arthur Boone Crosier, *Instructor in Commercial Courses* (1914-)—Bryant and Stratton Business College, Chicago, Graduate, 1896, and Instructor, 1897-1898; Professor of Commercial Science, South Dakota Agricultural College, 1898-1910; Admitted to the Bar, South Dakota, 1904, Montana, 1910; Law Practice, 1910-1912; Departmental Principal, Wichita (Kansas) Business College, 1913-1914.

Henry Alfred Bohl, *Instructor in Manual Training* (1914-)—Toledo Polytechnic Institute, 1905-1908; Evans Pattern Works, Portland, Oregon, 1911; Teacher of Shop Work, Kalamazoo, Michigan, Continuation School, 1912-1914.

Max van Lewen Swarthout, *Director of the Conservatory of Music and Professor of Piano and Violin Playing and Theoretic Branches and Director of Conservatory Orchestra* (1914-)—Gottschalk Conservatory of Music, Chicago, Illinois, Balatka Conservatory of Music, Chicago, Illinois, Royal Conservatory of Music, Leipzig, Germany, 1902-1905; Director, Oxford College of Music, Oxford, Ohio, 1905-1911; Director of College of Music, Illinois Woman's College, 1911-1914.

Donald Malcolm Swarthout, *Associate Director of the Conservatory of Music and Professor of Piano and Organ Playing, Theoretic Branches and History of Music* (1914-)—Gottschalk Conservatory of Music, Chicago, Illinois, Balatka Conservatory of Music, Chicago, Illinois, Royal Conservatory of Music, Leipzig, Germany, 1902-1905; Private Study, Isidor Phillipp, Paris, France, 1905-1906; Royal Conservatory of Music, Leipzig, Germany, 1910-1911 ("Pruefung" in Piano); Associate Director, Oxford College, 1906-1910; Associate Director, College of Music, Illinois Woman's College, 1911-1914.

Ada Emile Lindsay, *Secretary of the Conservatory* (1905-) University of Illinois, 1901-1902; Decatur College and Industrial School, A.B., 1905; Columbia University, Summer, 1912.

William B. Olds, *Professor of the Art of Singing* (1908-)—Beloit College, A.B., 1898; Oberlin Conservatory, 1895, 1898-1899, Singing, Piano Playing, Theory and Composition; Singing, American Conservatory, 1899-1900; Piano, Victor Garwood, Composition, Adolf Weidig: Singing, Oscar Seagle, Summer, 1914, England; Teacher, American Conservatory 1899-1900, and Grinnell School of Music, 1900-1904; Illinois Conservatory of Music, 1904-1906, Private Teacher, Jacksonville, Illinois, 1906-1908.

William Erhart Snyder, *Professor of Piano Playing and the Art of Teaching* (1911-)—Detroit Conservatory of Music; Sherwood Music School, Chicago; Private piano study, Theodore Leschetizky, Vienna, Austria, and Professor Robert Fuchs, Vienna Imperial Conservatory.

Miner Walden Gallup, *Associate Professor of Piano Playing* (1909-)—Virgil Piano School, New York, 1902; Private Study in Albany, New York, 1905-1906 and Berlin, 1906-1909, with Dr. Percy J. Starnes, Alberto Jonas and Vernon Spencer.

Edna Childs, *Associate Professor of Piano Playing* (1914-)—American Conservatory, Chicago, 1907; Diploma as Piano Soloist, Millikin Conservatory, 1908; as Teacher, 1909; Teacher's College; Institute of Musical Art, New York City, Private Piano Study, Mrs. Thomas Tapper, Ear Training, Mr. F. W. Robinson, New York City: 1913 and 1914.

Eloise Bucher, *Associate Professor of the Art of Singing* (1913-)—Hollins College, Hollins, Virginia; Urbana University, Urbana, Ohio; Private study in New York City with Rupert Neily.

Rose Alice Borch, *Associate Professor of the Art of Singing* (1913-)—Raff Conservatory, Frankfort, Germany, 1898-1902; Piano, Voice, Private Study, Professor Julius Stockhausen, Frau Jenny Hahn.

Grace Taylor Wandel, *Instructor in Piano Playing* (1909-)—Performer's Certificate, 1907, Teacher's Certificate, 1910, and Diploma as Soloist and Teacher, 1914, Millikin Conservatory of Music.

George Otto Lillich, *Instructor in Piano Playing* (1910-)—Performer's Certificate, 1907, Teacher's Certificate, 1910, and a Diploma as Piano Soloist and Teacher, 1913, Millikin Conservatory of Music.

Anna Whitmer McNabb, *Instructor in Piano Playing* (1910-)—Performer's Certificate, 1907; Teacher's Certificate, 1910, Piano Soloist's Diploma, 1913, Millikin Conservatory of Music.

Sylvia Fisk, *Instructor in Piano Playing* (1911-)—Performer's Certificate, 1909; Teacher's Certificate, 1911, and Piano Soloist's Diploma, 1914, Millikin Conservatory of Music.

Robert Walter, *Instructor of Orchestral and Band Wind Instruments* (1912-).

Ruth Lavery, *Instructor in Violin Playing* (1912-)—Certificate in Violin Playing, 1910, and Diploma as Violin Soloist, 1914, Millikin Conservatory of Music.

Lois Wasson, *Instructor in the Art of Singing* (1913-)—Certificate in Singing, Millikin Conservatory of Music, 1910; Millikin University, A.B., 1913; Private Study, Summer, 1913, and Summer, 1914, Rupert Neily.

Louise Bear, *Instructor in Public School Music and Supervisor of Music in Public Schools* (1914-).

Marian McClelland, *Instructor in the Art of Singing* (1914-)—Certificate in Singing, Millikin Conservatory of Music, 1913; Private Study, Summer, 1914, Rupert Neily.

Erma Fitch, *Instructor in Piano Playing* (1914-)—Certificate as Soloist and Teacher, 1914, Millikin Conservatory of Music.

Lucile Olinger, *Instructor in Piano Playing* (1914-)—Private Study, Franklin, Illinois; Diploma in Piano Playing, Illinois College of Music, 1914; Post graduate study in piano and organ in Millikin Conservatory of Music.

Eloise Jacobs, *Instructor in Piano Playing* (1914-)—Private study in Kewanee, Illinois; Student in Advanced Piano Study, Illinois College of Music, 1912-13; Millikin Conservatory of Music, 1914.

Fellows and Assistants

Sarah Dale, *Assistant Instructor in German*—James Millikin University, A.B. with Education, 1914.

Inez Naomi King, *Fellow in Biology*—Iowa Wesleyan College, B.S., 1914.

Ruth Lorena Lewman, 1915, Assistant in French.

Martha McIntosh, 1915, Assistant in French.

Guy Leon Dickerson, Assistant in Physical Training.

THE COLLEGE

The College includes the following Schools: Liberal Arts, Education, Commerce and Finance, Domestic Economy, Fine and Applied Arts, Engineering, and Music.

The College courses leading to degrees in all the Schools, except Engineering, are four years in length, each year being divided into two semesters.

For the completion of the Liberal Arts course the degree of A. B. is awarded; for the completion of a four years' course in Education, either the degree of A. B. or B. S.; and for the completion of any of the four years' technical courses, the degree of B. S., with the designation of the School, as Commerce and Finance, Domestic Economy, Fine and Applied Arts, and Music. See Summaries of Courses under the various Schools.

Admission to the Freshman Class by Certificate

A candidate for admission must be a graduate of an accredited high school or other accredited school.

He must likewise present certificate for fifteen units of work. (Blanks for such certification will be furnished on application.)

A unit represents one year's work of thirty-six weeks, five hours per week, of forty minutes each, or the equivalent in laboratory practice.

These fifteen units are to include certain prescribed work and certain work which may be elected. Certain work is prescribed for all Schools; certain work is prescribed, in addition, for admission to individual Schools; the rest of the fifteen units may be made up from the Electives.

1. Units Prescribed for All Schools

Of the fifteen units required, the following five and a half units are prescribed for admission to the freshman class in all the Schools of the University, and no substitutes are accepted:

English (Composition and Literature)	3	units
Algebra	1½	unit
Geometry, Plane	1	unit

2. Units Prescribed for Specific Schools

Of the nine and a half units that remain, certain others are prescribed for admission to individual Schools, as follows:

For the School of Liberal Arts

History	1	unit
Foreign Languages. two or one; if two, a complete year's work in one	3	units
Chemistry or Physics, with laboratory work, for those who take College Chemistry	1	unit

For the School of Education

History and Political Science	2	units
Foreign Language	2	units
Biology	1	unit
Commercial Branches, for Commercial Education	4	units

For the School of Commerce and Finance

Science or Foreign Language	2	units

For the School of Domestic Economy, same as for *School of Liberal Arts.*

For the School of Fine and Applied Arts

History	1	unit
Foreign Languages, as above	3	unit
Design	1	unit
Perspective	½	unit
Mechanical Drawing	½	unit
Additional Art Subjects, or else electives from list below	2	units

For the School of Engineering

Solid and Spherical Geometry	½	unit
Physics	1	unit

For the School of Music

Foreign Language	2	units
Music	2	units
History	1	unit

3. Electives for All Schools

From the following list, after the requirements above have been fulfilled, units to make up the fifteen required for entrance must be presented:

Foreign Language	1 or 2	units
Chemistry or Physics	1	unit
Biology, Physiology, Botany or Zoology	1	unit
Civics	½	unit
History United States	½	unit
Physical Geography	½	unit
English or American Literature	1	unit
Geology	½ to 1	unit
Astronomy	½	unit
Commercial Geography	½	unit
Mechanical Drawing	½	unit
Manual Training	½	unit
Commercial Arithmetic	½	unit
Correspondence	½	unit
Accounting and Office Practice	½	unit
Stenography	1	unit
Typewriting	1	unit
Banking or Economics	½	unit
History of Commerce	½	unit
Introduction to Commerce	½	unit

Engineering Hall　　Liberal Arts　　Domestic Economy

VIEW OF MAIN BUILDINGS FROM SOUTHWEST

Candidates admitted in accordance with the foregoing regulations will be eligible only to Schools and courses which their high school or other courses have anticipated. They may enter other Schools by making up deficiencies.

Admission to the Freshman Class by Examination

Candidates will also be admitted on examination. The day preceding and the day of opening of each semester are regular examination days.

Admission to Advanced Standing

Candidates for advanced standing in any of these Schools, presenting credits from other approved colleges, will be admitted to corresponding standing in this College. They will be given advanced standing also on examination.

Admission to Graduate Standing

Graduates of this College, or of colleges of like rank, will be admitted to graduate courses leading to Master's degrees or to Bachelor's degrees, with special designation, in any of the technical schools which they may be prepared to enter.

General Requirements for Graduation

1. For the Bachelor's Degree

A total of 130 credit hours is required for graduation. A point, or semester-hour, represents a one-hour lecture or recitation period for one semester. No student will be recommended for the Bachelor's degree unless he has been a regularly enrolled resident student of the College for at least one year, though for sufficient reason the Council may reduce the attendance one semester.

All engineering laboratory work, including mechanical drawing, practice work, experimentation, testing and shop work, counts one-third point per hour. Other laboratory work counts one-half point per hour. Practice or experimenting outside the laboratory or shop counts nothing. Class-room work in said subject of the nature of regular lectures or recitations counts one point per hour per week.

All candidates for graduation are required to have two credits for work in the literary and scientific societies of the College. This work consists of four years of bi-weekly work or two years of weekly work. See page 19.

Additional credits, not to exceed two points, will be allowed in the following college activities when efficiency and faithfulness are properly certified by responsible officers: Glee Club, Literary and Scientific organizations, editing the Decaturian, and Physical Culture. These credits will be allowed on the basis of one-half point per semester for one of these interests.

The following Academy courses may be taken as college electives when taken by college students only: Latin E, F, G, H; Biology C, D, for freshmen only.

Credits given for entrance to the College courses shall not in any wise be considered again towards meeting requirements for graduation in the College.

Required Hours: Every student is expected to take at least sixteen credit hours' work per week, and is limited to eighteen hours as a maximum, except in the case of engineering students who are allowed a maximum of twenty-one hours. A less number than sixteen may be taken on the approval of the president or Executive Committee, but a greater number than the maximum can be taken only on the approval of the Council.

Theses: Each candidate for a bachelor's degree is required to present a suitable thesis upon an approved subject, which must be selected within the range of his major. The subject must be approved by the upper officers by January first of his senior year, and the thesis must be in the hands of the examining committee before May first. If the nature of the subject permits, it must be typewritten. It shall not be less than 2,500 words in length. It must be accompanied by all necessary drawings, blue prints, models, and tabular statements. After approval, a copy must be deposited with the Librarian as the property of the College.

Text-books or other printed matters of a compiled or edited nature will not be accepted as a thesis, unless specially prepared for the degree desired, save as otherwise explicitly provided in the regulations concerning that degree.

2. For the Master's Degree

The degree of Master of Arts may be granted to graduates of The James Millikin University, or to graduates of other colleges or universities who have completed equivalent courses, on the following basis:

(a) *In Residentia:* To applicants who complete successfully a prescribed course in residence, the minimum time to be one year. The work shall be equal to at least a year of undergraduate study, and shall be on subjects of an advanced nature. Such work may include advanced courses which are open to undergraduates. The course shall be under the direction of the heads of the departments in which the degree is to be taken. The applicant shall present a satisfactory thesis under a general rule for theses. The fee shall be one year's tuition and laboratory fees, and a diploma fee of five dollars, payable under the general rules of the University.

(b) *In Absentia.* Only students who are graduates of this University may pursue graduate work for the Master's degree *in absentia.* The applicant shall begin his work not later than October first in any year, and shall spend a minimum time of two years upon it. Such work shall be of an advanced character, equal in amount to at least one-half more than the work prescribed for residence. The course shall be under the direction of the heads of the departments in which the degree is to be taken and they shall prescribe all examinations, reports, etc., and the regulations concerning their conduct. The applicant shall submit a thesis under the general rule for theses. He shall pay a fee of one-half year's tuition at the beginning of each two years and a diploma fee of five dollars under the general regulations of the University.

Work in professional schools, leading to degrees in Medicine, Dentistry, Law, Divinity, and the like, may be counted towards the Master's Degree for not more than one-third the work required for that degree.

Matriculation and Enrollment

Credentials: A student expecting to enter the University should send, previous to his coming, a certified statement, preferably on blanks provided for the purpose, of all credits made in High Schools and Colleges, to the University Examiner, The James Millikin University, Decatur, Illinois. If coming from another college he should also enclose a letter of honorable dismissal. If it is impossible to send these credentials before coming to the University, the student should bring them with him and present them at the office of the Examiner at the time of entering.

Registration: A student entering the University should go to the Examiner's office with his credentials, if these have not already been sent and filed with the Examiner. Here he will fill out a Registration Card and secure a Card of Entrance and Classification, entitling him to admission to the University and directing him to his Faculty Adviser. In case the student does not have the necessary credentials at hand, he will be given a provisional registration. If at the end of ten days, he has not produced his credentials, he will be notified that, unless satisfactory reasons for the delay are given, his registration will be annulled.

Matriculation: The student will present the Entrance Card, received from the Examiner, to the Faculty Adviser to whom he is directed and under his guidance will prepare and have approved a Class Program.

Payment of Fees: The Class Program, properly filled out and approved, will be taken to the office of the Registrar of the University, where the payment of the fees for the semester will be made. All fees are payable in advance, except by special permission of the President of the University.

Class Enrollment: Upon the payment of his fees the student will receive from the Registrar the receipted portion of his Class Program, with class coupons attached, one for each of the courses for which he has enrolled. He must present these to his instructors upon entering his classes. Without the coupon he cannot be enrolled in any class.

Change in Program: After the student has matriculated, he may make changes in his program only with the consent of his Faculty Adviser and the instructors concerned and upon the payment of one dollar each time changes are made, except in cases where changes are made by Faculty action.

GENERAL INFORMATION

History and Organization

On May 13, 1900, Mr. James Millikin made a formal proposition to establish an institution of learning in the city of Decatur, Illinois, under conditions which were met early in the following year by the citizens of Decatur and the Synods of Indiana, Illinois and Iowa of the Cumberland Presbyterian Church. After some negotiations the charter of Lincoln University, Illinois, was amended, April 30, 1901, so as to provide that its name should be changed to Lincoln College and that it, together with the proposed Decatur College and Industrial School, should constitute The James Millikin University as its legal successor, with the provision that each college should be governed by a local Board of Managers appointed by the Board of Trustees, in conjunction with the President of the University.

As the Cumberland Presbyterian Church has united with the Presbyterian Church, U. S. A., both colleges are now under the general supervision of the Synods of Illinois, Indiana and Iowa, in so far as the appointment of Trustees is concerned.

The control exercised by the local Board of Managers and the Administration of the College is non-sectarian.

The first group of four buildings at Decatur was dedicated on June 4, 1903, the dedicatory address being delivered by President Theodore Roosevelt. The College opened on September 15, 1903. The total enrollment for the year was 712. This number has steadily grown, and three additional buildings have been erected.

In accordance with the desire of its founder, the Decatur College and Industrial School was organized with a view to provide instruction not only in the usual academic and collegiate subjects, but also as far as possible in those industrial, technical, commercial and art lines for which there is now such urgent demand. It was his purpose to establish an institution of learning where, at the least possible expense, all classes of young men and women might secure an education that would fit them for entering at once and successfully upon some honorable vocation in life.

The organization includes (1) the Academy or Preparatory School, with the usual preparatory courses and a generous line of electives for those who wish to take instruction in manual and industrial arts; (2) the College, which offers courses in the liberal arts, education, library science, commerce and finance, domestic economy, fine and applied arts, manual training, engineering, and music.

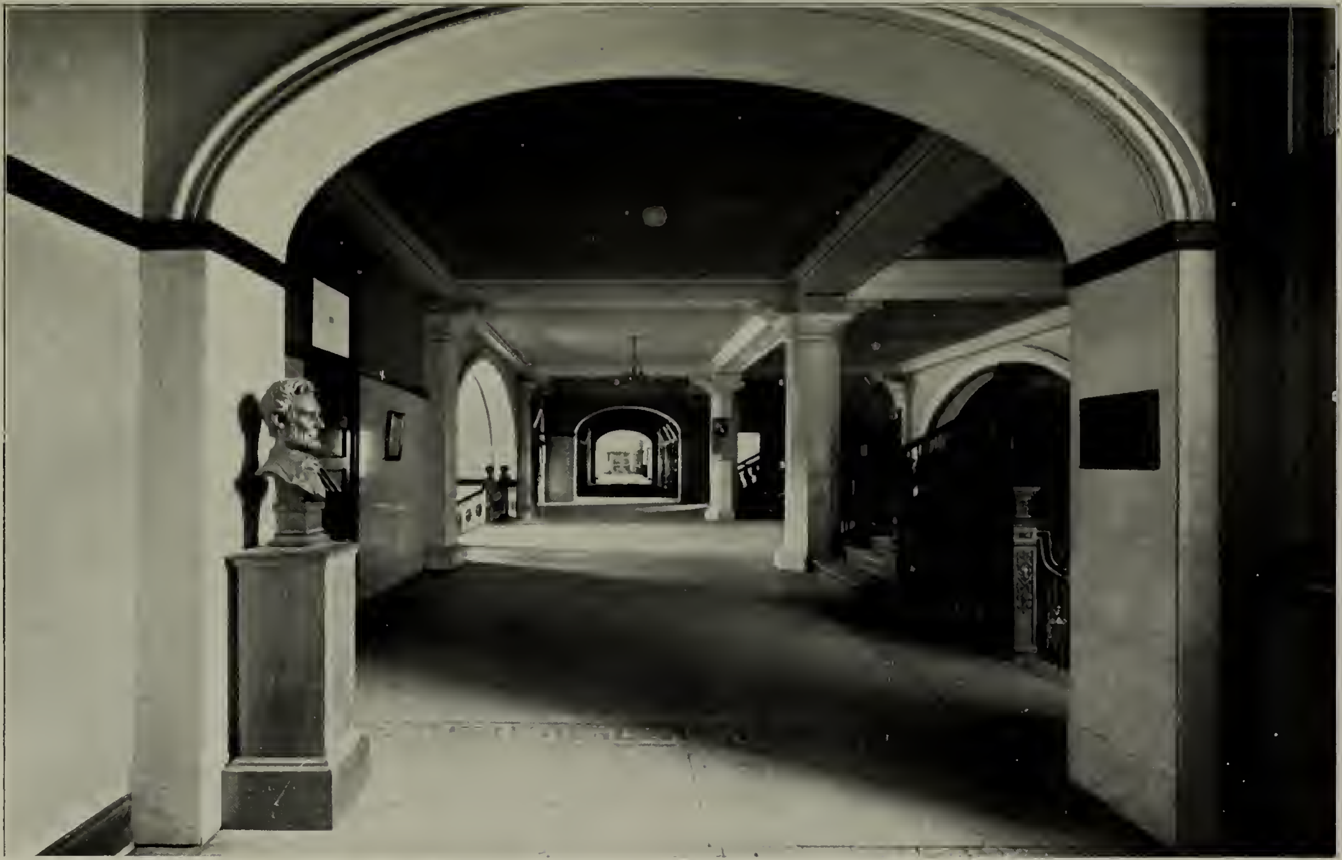
Location

The city of Decatur is located on the Sangamon River in one of the most fertile and well-drained regions in the state of Illinois. The county-seat of Macon County, with a population of about 40,000, it is easily accessible from all parts of the state over the Wabash, Vandalia, Illinois Central, C. H. & D. railroads and over the Illinois Traction System; it is five hours from Chicago and three from St. Louis. The city is a progressive one in many respects: commercial enterprise, civic improvements, church efficiency, and educational policy. There are no licensed saloons in Decatur. The spirit of the citizens is one of deep interest in the College and in all that makes for culture.

The campus embraces about thirty-five acres, located three-quarters of a mile west from the central transfer station and easily accessible from all parts of the city by street-car. This site is one of great natural beauty, slightly rolling, with trees and flowering shrubs of many varieties. Adjoining the campus is an extensive and beautiful city park. Near the buildings are excellent tennis-courts, and on the open side of the campus, a field for football, baseball, and track athletics.

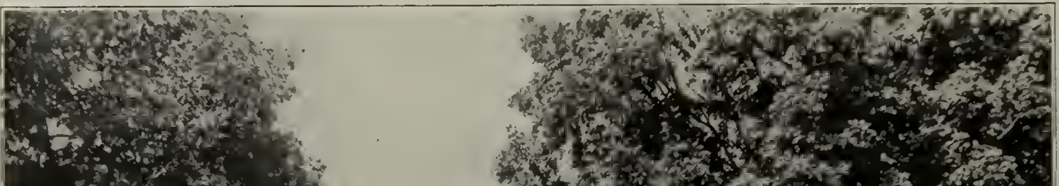
Buildings

The buildings are all of Elizabethan architecture, beautiful in line and coloring and placed according to an imposing building plan. The three buildings of the central tower group, the Liberal Arts Hall, the Domestic Economy Hall, and the Engineering Hall, arranged with a connecting corridor on the first floor, have a total frontage of four hundred and forty feet. Around this center are placed the Conservatory of Music, the Gymnasium, Aston Hall for women,



MAIN CORRIDOR, LIBERAL ARTS BUILDING

ASTON HALL



SOUTHEAST ENTRANCE TO CAMPUS

and Machinery Hall. All the buildings, erected at a cost of about five hundred thousand dollars, are constructed with a view, not only of facilitating instruction and investigation, but of insuring satisfactory hygienic conditions. Every room is well heated, lighted, and ventilated.

The Central Group

The Liberal Arts, Domestic Economy and Engineering Halls contain class-rooms, studios, laboratories, and shops for use in their respective fields. In addition, in the Liberal Arts Hall are the offices of the President, Registrar, and Auditor, the library and Assembly Hall. This auditorium is eighty feet square and will seat about a thousand people.

Aston Hall for Women

Aston Hall, containing about sixty attractive rooms, is located in a beautiful grove of forest trees, retired and yet easily accessible from the main college buildings and from the city railway lines. It is provided with bath-rooms and lavatories on each floor, is lighted by electricity and heated by steam. A vacuum cleaner is installed in the basement with pipes leading to each floor so that the house is kept in the best sanitary condition. The culinary department is excellent. Under the supervision of a Dean, effort is made to provide a happy and wholesome life. The few regulations which are found necessary are in no sense burdensome, but rather an aid to the young women in planning their work and conserving their time and strength.

Practically all the west half of the first floor is devoted to the reception room, drawing room and Dean's rooms. The dining room, a sunny, white-tiled room, overlooks the east campus on three sides. Students' rooms are arranged in suites or as single rooms. They may be occupied by one or two students as preferred. Each room is provided with two closets and is furnished with study-table, chairs, dresser, washstand, individual beds, springs, mattresses, pillows, rug and window shades. A leaflet containing a diagram of the rooms, the rates for room and board, and the House Regulations, will be sent on application.

The Gymnasium

The gymnasium is located between Aston Hall and the Athletic Field. It is 100 by 55 feet in the clear, with additions on the front for offices, examination and trophy rooms and on the rear for storage rooms. The basement contains bath and locker rooms for men and women on either side of a ball cage. The main floor is one of the largest in this section of the country belonging to a minor college. Above the floor is a running track. The equipment is adequate for college needs, containing apparatus for both Swedish and German gymnastics.

The Conservatory of Music

Millikin Conservatory of Music is located in a building erected by the Trustees of the Estate of Mr. James Millikin. The building contains eighty-two rooms and Kaeuper Recital Hall. One is impressed by the refined dignity of color and line in the corridor and administration rooms. On the first floor, in addition to several teaching rooms and the recital hall, are the library, the general office, and offices of the director and secretary. The basement, second and third floor rooms are for class and private teaching and practice purposes.

The interior is in pure Gothic style. In planning this building the aim has been to make the Conservatory homelike rather than institutional in character.

The library in eucalyptus wood, finished in its natural color, with walls in a beautiful tone of green, is a room of rare beauty. The entire effect, with old English furniture and the charming ingle nook with its fireplace of tapestry brick, makes an inspirational place for study.

The Recital Hall for recitals, public performance classes, and lectures, has a seating capacity of two hundred. This room has beautiful leaded-glass windows and fine colors of gray and brown in the wood work and walls. The wood is bird's-eye maple finished in silver-gray. The platform presents a charmingly designed Gothic organ screen back of the two grand pianos. This room impresses one with an atmosphere of dignified refinement and peace.

Machinery Hall

Machinery Hall contains the foundry, heavy machinery, engines, dynamos, and other apparatus for the practical courses in Engineering. In this same building is the plant which provides heat and light for the College buildings.

Equipment

Libraries

The College Library, situated in the Liberal Arts Hall, contains 7,800 volumes covering the work of each department with sufficient reference books for ready use. There are over 100 current periodicals, including not only general magazines and newspapers, but technical magazines in the fields of science, psychology, education, literature, languages, architecture, household arts, manual training, engineering, library work, economics, church work, music and art.

The Decatur Public Library is also at the service of the College. Many of its departments have been enlarged with the interests of the College in view. It contains 33,000 volumes, an excellent reference department, and a complete periodical file, together with such public documents as the interests of the community demand.

Laboratories, Studios, and Shops

The Domestic Science and Art departments occupy ten rooms in the Domestic Economy Hall, including class-rooms, reading-room, and food and textile laboratories.

The three departments of mechanical, electrical, and civil engineering are provided with suitable apparatus, machinery, and testing machines. See page 54.

The Manual Training classes occupy five rooms in the basement of the Engineering and Liberal Arts Hall, and forge and foundry rooms in the Machine Shop. All these shops are adequately equipped. See page 54.

The Fine and Applied Arts department has seven studios in the Liberal Arts and Domestic Economy Halls. See page 50.

The chemical laboratories and lecture rooms, six in number, occupy the entire third floor of Engineering Hall.

Fees

Fees are payable at the beginning of each semester in advance.

Tuition, per semester	$37.50
Athletic Fee, per semester, admitting to all local inter-collegiate games and to local contests in debate and oratory	2.50
Gymnasium Fee, per semester (including locker in gymnasium)	1.00
Locker in Cloak Rooms	
per semester	.70
per year	1.00
Laboratory Fees	
Applied Arts, per semester See page 52.	2.00
Biology	2.00
Chemistry	4.00
Domestic Art	2.00
Domestic Science	2.00
Fine Arts	2.00
Forging	2.00
Manual Training	2.00
Pattern-making	2.00
Physics	2.00
Typewriter Rent	2.00
Diploma	5.00
Special Work, less than full work, for each credit hour	5.00
Examination Fee for work done *in absentia*	5.00

For Conservatory Fees see page 62.

For registration on other than regular Registration Days, a fee of $1.00 is charged.

For changes in program ten days after registration, a fee of $1.00 is charged.

Tuition fees will be refunded only in cases of protracted illness, though portions unused for other reasons may be credited on a future semester.

Laboratory and gymnasium fees will not be refunded for any reason.

Children of ministers, and students for the ministry who are officially approved by their denominations, pay one-half of the regular tuition fee.

Expenses

The following estimates will be found approximately correct, the difference depending on the kind of accommodations, proximity to the College and quality of meals.

Unfurnished Rooms	
(two in a room) each per month	$ 1.50 to $ 2.00
Furnished Rooms	
(two in a room) each per month	4.00 to 6.00
Meals per month	14.00 to 18.00
Room, board, and part of laundry at Aston Hall, per semester	$100 to $200

A few students will be able to secure places in the city where they can earn a part or all of their expenses. A limited number of students earn their tuition by office work at the College by assisting in different departments, or by other employment about the grounds and buildings.

The office will gladly assist students in securing pleasant locations. Parents contemplating moving to Decatur for the purpose of educating their children are cordially invited to write for such information as they may need.

Fellowships

A few fellowships are awarded to graduate students. Particulars will be furnished on application.

Student Organizations

A. General Organizations

The Student Council, composed of the presidents of the college and senior preparatory classes and several other college organizations, stimulates student activities and endeavors to arouse interest in student enterprises in general.

The Young Women's and the Young Men's Christian Associations offer opportunities for religious instruction and Christian activity.

The Inter-Society League has charge of the annual contest between the literary societies, and of all arrangements for public work in debating and oratory.

The Athletic Association has charge of all contests in football, baseball, basket-ball, and track athletics.

The Kappa Society is an organization of graduates of high scholastic standing. See page 21.

The Acolyte Club and Student Volunteer Band are organizations for students who are to enter religious work. See page 20.

The Men's and Women's Glee Clubs, the College Orchestra and College Band are the usual college musical organizations.

There are seven Greek letter societies, with faculty advisers, which are helpful factors in cultivating the social life and stimulating the scholarship of their members.

The Level Club is composed of members of the Masonic order.

The Millikin Club is an organization composed of former students and alumni who live in Decatur. Its purpose is to perpetuate the pleasant relations of college life and to be helpful to the College in any way which occasion demands.

The Alumni Association is a loyal and enthusiastic organization, helpful in many ways to its members and to the College.

B. Credit Societies and Clubs

Work in societies and clubs is required for graduation. See page 22. The student may do the work of one society or club for four years, or the work of both a society and a club for two years. Each meets bi-weekly, clubs and societies on alternate Wednesdays.

The Literary Societies: The Philomathean Society, The Orlandian Society, The Adelphic Society (Academy).

These societies, open to both men and women, give practice in debating, oratory, extemporaneous speaking, in the writing and reading of stories and essays, and in parliamentary practice.

The Clubs: The Deutscher Verein is an organization of students interested in German life and literature. It gives valuable drill in conversation in German.

L'Alliance Francaise as a chapter of the national society of the same name stimulates interest in the life and literature of the French and gives opportunity for conversation in French. This club, as well as the one in German, is open to both men and women.

The Dramatic Art Club gives each year several plays, the most pretentious of which occurs in Commencement week.

The Engineers' Club has for its aim the study of the results of practical engineering in connection with the theoretical instruction of the curriculum.

The Art Guild through the reading of art magazines and the preparation of papers endeavors to follow progress in the plastic arts. It is open to both men and women.

The Manual Training Club discusses topics of interest to craftsmen and to prospective teachers in this field.

The Commerce and Finance Club meets for the discussion of papers and reports on achievements in the world of business.

Ex Post Facto is a club of college women which studies the duties of women as citizens.

The Current Events Club reads and reports on such magazines as The Outlook, The Literary Digest, and The Independent.

The Domestic Economy Club in its discussions covers the field of the household arts, and the field of domestic economy education.

The Science and Education Club, open to both men and women, is not devoted to any particular science, but to a synthesis of them all. Its purpose is to follow new discoveries, especially with reference to their connection with education and with human life.

Athletics

Athletic interests are in a flourishing condition, with efficient coaching, careful training, sound financial basis, and loyal support. In the few years of her history, Millikin has had championship teams in every form of athletics in which she engages. Her teams are composed of manly young men who pass a high scholarship requirement and who stand for clean sport.

Publications

The publications of the College are: The James Millikin University Bulletin, issued quarterly; The Decaturian, issued monthly, the student periodical; the annual Varsity Directory, also a student publication; the College Annual, under the title of "The Millidek," issued by the senior class; and The College Calendar, issued by the Young Women's Christian Association.

Religious Life

Chapel Attendance: All students are required to attend the daily chapel and general exercises, except when excused for satisfactory reasons.

The various churches of the city make the students most welcome to all church and Sunday school services and social functions. Students are expected to attend church and are urged to join Sunday School classes as regular attendants.

A systematic course in Bible study is offered to all students. It embraces Bible history, an outline study of the Old and New Testaments, a study of Bible lands, a literary study of the Bible, a general survey of Biblical doctrines, a history of the early church, organization and methods in Sunday School work, Comparative Religious, and Missions. See pages 23, 70.

The Young Men's and Women's Christian Associations have regular weekly meetings on Wednesday afternoons at 2:30 and an occasional vesper service on Sunday afternoon. They also conduct regular Mission Study classes.

The Volunteer Band is composed of those students who are volunteers for work on the foreign missionary field.

The Acolyte Club is composed of students who intend to enter the ministry or other Christian work.

Each year, under the auspices of the Presbyterian Board of Education, there has been a religious campaign; the result has been the stimulating and deepening of student religious life.

Regulations

Government: The heads of the different schools and departments of the College constitute a Council for the transaction of such business as usually pertains to similar bodies in educational institutions.

Tho rules of procedure are necessary to avoid confusion and facilitate administration, few formal rules of conduct are deemed advisable in such an institution as this. Students whose ideals of conduct and whose spirit are not in accord with the general policy of the institution are not desired, nor will they be permitted to remain here after that fact is established. It is believed that the best results in education are attained where reasonable freedom of action is allowed, and where young men and women are guided largely by their own sense of honor and propriety. It is the policy of the institution to cultivate and encourage spirit of mutual good will and co-operation on the part of faculty and students and to make student life as enjoyable and profitable as possible.

Examinations: The student who fails to pass the regular examination on any subject will not be allowed to continue with his class in that subject except on the written recommendation of his teacher, nor will he be given longer than until the end of the next semester succeeding to make up such examination.

A student will not be permitted to attempt the term examination in any study when his average daily grade in that study has fallen below 60. Students taking entrance examinations will be required to make the usual grade for passing a subject.

Intercollegiate Contests: No student will be certified as eligible to engage in any intercollegiate contest who is not satisfactorily carrying at least twelve hours' work and who did not carry twelve hours' work the preceding semester.

Social Functions: All functions of College organizations occur on Friday and Saturday evenings and close at 10:30 P. M. except the formal "Annuals", which close one hour later. All functions are to be scheduled in the Office of Dean of Women and chaperoned by a Professor or Associate Professor.

Changes of Schedule: After the student has matriculated he may make changes in his program only with the consent of his Faculty Adviser and the instructors concerned and upon the payment of one dollar each time changes are made, except changes made by faculty action.

Dismissal: Students who find it necessary to leave college are expected to seek an orderly dismissal, i. e., to give notice at the office of their intended departure and future address.

Absences: Absence and tardiness from classes or chapel, except for good reason, are not permitted. When satisfactory explanation is given to the instructor in charge, an absence may be made up; otherwise it counts against the student's standing. A student who shows a tendency to carelessness in this regard is summoned before the Executive Committee of the Faculty.

Prizes

The Brown Debate Prize: For the highest efficiency in debate on some historical or sociological question approved by the Department of History and the President, Dr. Everett J. Brown of Decatur offers to students of the College a prize of $25. This prize was won in 1915 by Curtis R. Douglas, '16.

The Millikin Club Medal: The Millikin Club offers a gold medal to students of the three upper classes for proficiency in oratory. This prize was won in 1915 by Wilber W. Ellison, '16.

The Brownback Short-Story Prize: Mr. J. M. Brownback of Decatur offers a prize of $25 to college women for proficiency in story-writing. This money may, by decision of the judges, be divided into first, second, and third prizes. In 1915, the prizes were won by Charlotte W. Kerney, '17, and Margery Prestley, '15.

Scholastic Honors

The University of Illinois Fellowship: A Fellowship at The University of Illinois is awarded by vote of the faculty to a Senior or recent graduate standing among the first three or four in his class. This Fellowship was held in 1914-15 by Fay Fisher, '14.

The Millikin Scholarship: A graduate scholarship, entitling the recipient to one year's free tuition in pursuing a specialty, is awarded to the member of each graduating class in the College who secures the highest rank in scholarship in Junior and Senior subjects, as provided in the regulations governing the same.

This Scholarship was won in 1914 by William F. Henderson.

Announcement is made on Commencement Day of the student who receives the highest average for the four years. William F. Henderson won this honor in 1914.

The Kappa Society: The members of each graduating class in the College, whose average is 92 or above, becomes members of the Kappa Society and wear its emblem, a gold key.

Members of the Senior class whose average is 92 or above for the first three years of college are allowed to wear during the Senior year a silver replica of the Kappa key as a badge of High Honor. The following members of the class of 1914 were admitted to the Kappa Society:

Fay Lynton Fisher, William Franklin Henderson, Sophia Mary Drobisch, Lorin Hudson King, Anna Stockton Milligan.

High Honor and Honor Students: All students in each class whose average is 92 or above for their college course up to date are called High Honor Students; those whose average is 88 or above are called Honor Students. Any student who at the end of his Junior year reaches an honor grade on all his work, and a high honor grade on his major may graduate on the completion of 124 points in his course.

The High Honor and Honor Students for 1914 were:

Class of 1915

High honor—Ruth Lewman, Ivra Shaw, Martha McIntosh.

Honor—Paul Cannon, Roscoe Coen, Elsie Collier, Guy Dickerson, Charles Gearish, Edna Gelsthorp, Clyde Hart, Mattie Horn, Rowena Hudson, Anna Marie Phillips, Bertha Rogers, Bertha Wakefield.

Class of 1916

High honor—Louise Bradford, Mary Esther Kassebaum.

Honor—Bess Campbell, Agnes Childs, Mayme Combs, Gertrude Craig, Frank Davis, Wilbur Ellison, Bessie Fruit, Mary Gillespie, Grace Hiestand, Doris Irwin, Litta Law, Verne McDougle, Hazel Martin, Sara Modes, May Norton, Frances Orr, Ruth Smith, Eda Tenison, Gladys Williams.

Class of 1917

High honor—Elizabeth Galloway, Margaret Honeywell, Charles Lee, Elinor Mills, Margaret Snyder.

Honor—Arthur Acker, Milford Davis, Irene Field, Paul Hudson, George Jacobsen, Helen Kenney, Bertha Kirk, Lois Rumsey, Nina Swickard, Jesse Thacker.

THE SCHOOL OF LIBERAL ARTS

The Faculty

George Emory Fellows, Ph.D., L.H.D., LL.D., *President.*

Thomas W. Galloway, Ph.D., Litt.D., *Professor of Biology.*

Albert T. Mills, LL.B., A.M., *Professor of History and Political Science.*

Robert J. Kellogg, Ph.D., *Professor Modern Languages.* (On leave of absence).

Grace Patten Conant, Litt.D., *Professor of English.*

John C. Hessler, Ph.D., *Professor of Chemistry.*

Theophile J. Meek, B.D., *Professor of Biblical History and Literature.*

Walter J. Risley, A.M., *Professor of Mathematics.*

Isabella T. Machan, A.M., *Professor of Latin and Greek.*

John E. Rouse, Ph.D., *Professor of Philosophy and Education.*

Eugenia Allin, B.S.L., *Professor of Library Science and Librarian.*

Howard G. Seldomridge, *Professor of Public Speaking.*

Davida McCaslin, A.M., *Associate Professor of English.*

Bonnie Blackburn, A.B., *Associate Professor of Modern Languages.*

Harold Phalen, B.S., *Instructor in Mathematics and Physics.*

Neil Price, A.B., *Director of Physical Training.*

Mollie Grubel, *Physical Director for Women.*

Charline Fender Wood, A.B., *Instructor in English.*

Caroline Stookey Lutz, A.B., *Instructor in English.*

Requirements for the A.B. Degree

The requirements for the A.B. degree, 130 semester hours or points, are as follows:

A. All students shall complete courses of study as follows:

1. Prescribed:		
English, 1, 2	8 points	
History	8 points	
Hygiene	2 points	
Physical Training	2 points	
Literary and Scientific Societies.	2 points	22 points
2. Group Electives (one subject in each group required):		
One Foreign Language (French, German, Greek, Latin or Spanish)	16 points	
Biology, Chemistry, or Physics..	8 points	
Mathematics, College Latin, or additional Science	8 points	
Philosophy, Biblical History or additional History and Political Science	8 points	40 points
3. Free Electives		68 points
Total		130 points

Additional credits in the free electives, not to exceed two points, will be allowed in the following college activities when efficiency and faithfulness are properly certified by responsible officers: Glee Club, Literary and Scientific organizations, Editing the Decaturian, and Physical Culture. These credits will be allowed on the basis of ½ point per semester for one of these interests.

At least three of the prescribed courses of 8 points each must be taken in the Freshman year, of which one must be English. At least two more of 8 points each must be finished by the end of the Sophomore year. The other courses may be taken in any year.

B. The student shall complete a *Major* consisting of 32 points in one of the following departments:

Latin.
Greek.
German.
French or Romance Languages.
English
History and Political Science.
Biblical History and Literature.
Chemistry.
Physics.
Mathematics.
Biology.
Library Science.

A major may include any prescribed College course, but shall not be interpreted to include any Academy course except Latin *E, F, G, H.*

The student shall announce his major not later than the middle of the Sophomore year.

C. The student shall select a *Minor* of 8 points under the advice of the department in which he majors. Such minor cannot include any course offered as prescribed work in *A.* A minor may be interpreted to include Latin *E, F, G, H,* or if taken in the Freshman year, Physics *A, B,* or Biology *C, D.*

D. The elective points may be taken from any courses in the School of Liberal Arts or other schools of the College to which the student is admitted. Of these, however, not over 32 may be taken outside the School of Liberal Arts, and these may not be taken in more than two Schools; sixteen only can be taken in the School of Music. In all technical electives outside the School of Liberal Arts at least one-fourth must be theoretical as distinguished from shop, studio, or laboratory courses. For possible electives see the different departments of the School of Liberal Arts, and the Schools of Education, Engineering, Domestic Economy, Fine and Applied Arts, Commerce and Finance, and Music.

E. Of the entire course, 32 points must be in subjects designated in the Bulletin as Junior or Senior courses.

F. Not more than 32 credit hours may be taken by the student in any one major department, except by specific permission of the Curriculum Committee of the Faculty. Such permission will usually be limited to cases where the last credit course desired overlaps this maximum by a small number of hours. In English the 32 points need not include Courses 1 and 2.

G. Any student who attains at the end of his Junior year an honor grade on all his work and a high honor grade on his major, may graduate upon completing 124 points.

Courses of Study

NOTE: The student will note that first semester courses bear odd numbers and second semester courses even numbers. An odd and an even number before a course indicate that it runs through the year. It is also to be noted that in certain of the latter courses, as indicated in the outline of courses, credit is given only when the full year's course is taken.

Biblical History and Literature

*The Mr. and Mrs. Matthew Robb Chair

THEOPHILE J. MEEK, A.B., B.D., *Professor of Biblical History and Literature.*

If history is the chemistry of life, the study of the elements out of which our present civilization is the outgrowth, then no people are so important historically as are the Hebrews. No others have contributed so much religiously, morally, socially or politically, or affected so largely the world's literature. No others are influencing life today as are the Hebrews through the medium of the Bible. How important, then, that there should be in every institution of learning a department for the study of a people and a literature so unique and so important in the history of the world!

The department is on the same basis as the other departments of the College. Students may select their major in this department as they would in any other, or elect only so much of it as they desire. To enhance the interest and value of the work, the instruction of the class room is illustrated by lantern-slides, photographs, antiques, etc.

Religious Education: There is a very urgent and ever increasing demand at home and abroad for religious educators, directors and secretaries. Arrangements have been made between the Department of Biblical History and the School of Education whereby a course is offered that will qualify young men and women for positions of this kind. The full details of the course, the degree granted and other information are given in the School of Education, page 37.

1. History of the Bible—What the Bible is; how we got our Bible; languages of the Bible; story of the Canon and Apocrypha; history of the English Bible; its literary character and importance. Textbook: Price, "Ancestry of Our English Bible." 2 points.

2. Biblical Geography and History—A general course that is intended to give the geographical background and main outlines of Biblical History. Text-book: Kent, "Biblical Geography and History." 2 points.

3, 4. Hebrew History to the Exile—The forerunners of the Semites; the origin of the Semites and their settlements; the social, political and religious history of the Hebrews thru the stages of nomadic origin, settlement in Canaan, monarchy and dissolution of the state. Text-book: Kent, "History of the Hebrew People." 2 points a semester.

5, 6. Jewish History After the Exile—The social, political and religious history of the Jews thru the stages of exile, return from exile, Persian and Greek domination, Maccabean struggle for liberty, and Roman conquest. Text-book: Kent and Riggs, "History of the Jewish People." 2 points a semester. (omitted in 1915-1916).

7. Life and Teachings of Jesus—The history of Palestine in the time of Jesus; the life of Jesus; the teaching of Jesus and its relation to the teaching of His day. Text-book: Rhees, "Life of Jesus." 2 points.

8. The Apostolic Age—The founding of the Christian Church; the life of Paul; the spread of Christianity; the history of the early church; the development of religious ideas and institutions through the period. Text-book: Purves, "The Apostolic Age." 2 points.

9. History of Egypt—The social, political and religious history of the Egyptians, particularly as it bears upon that of the Hebrews. Text-book: Breasted, "History of the Ancient Egyptians." 2 points.

10. History of Babylonia and Assyria—The social, political and religious history of the Babylonians and Assyrians, particularly as it bears upon that of the Hebrews. Lectures and text-book: Goodspeed, "History of the Babylonians and Assyrians." 2 points.

11, 12. Old Testament Literature—A careful study of the writings of the O. T. in the light of their historical setting and their literary form, as the foundation of an intelligent understanding of the Bible and an appreciation of modern literature. Seminar. 2 points a semester. (omitted in 1915-16).

13, 14. Apocrypha and New Testament Literature—Like the preceding course, a chronological and analytical study of the writings of the Apocrypha and N. T. Seminar. 2 points a semester.

15, 16. Biblical Archeology—The exploration of ancient sites in Egypt, Syria and Babylonia, particularly as the discoveries illustrate the Bible. Seminar. 1 point a semester.

17, 18. Old Testament Hebrew—Elementary course, Grammar, exercises and the reading of the Book of Genesis. This course is especially adapted to students who have the ministry in view, but is suitable also for those who desire some acquaintance with the elements of Semitic languages. 2 points a semester.

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*Endowed in their memory by their daughters, Mrs. Eliza J. Stansbury and Mrs. Lydia E. Phillips.

19, 20. **New Testament Greek**—A philological and exegetical study of selected portions of the New Testament in Greek. Some knowledge of Greek is required for this course. 2 points a semester. (Omitted in 1915-1916).

21, 22. **Hebrew Exegesis**—A philological and exegetical study of selected portions of the Old Testament in Hebrew. Some knowledge of Hebrew is required for this course. 2 points a semester. (Omitted in 1915-1916).

23, 24. **Biblical and Religious Problems**—A discussion of critical problems relating to the Bible and problems of religious belief. The topics of discussion are suggested by the class and the aim of the course is to assist the students in any difficulties that they may have. Seminar. 1 point a semester.

25, 26. **Church History**—The history of the Christian Church from its founding to the end of the Reformation. Text-book: Moncrief, "Short History of the Christian Church." 2 points a semester. (Omitted in 1915-1916).

27, 28. **Comparative Religion and Missions**—The origin, historical development, chief characteristics, distinctive teachings and social values of the world's great religions; the attempted christianization of the non-christian religions; its difficulties and possibilities. 2 points a semester.

29, 30. **History and Agencies of Religious Education**—Aims and methods of the Jewish and Christian systems of religious education; the modern religious education movement; its history, aims and agencies with special emphasis on the equipment, organization and efficiency of the Sunday School. Lectures. 2 points a semester.

31, 32. **Principles and Methods of Religious Education**—A study of the significant psychological characteristics and the religious and moral interests and possibilities of the individual at each stage in his development; educational values of biblical and extra-biblical material and of the different types of expressional activity; how to utilize them most efficiently in the work of religious education. Lectures. 2 points a semester. (Omitted in 1915-1916).

33, 34. **Problems in Moral and Religious Education**—A discussion of current moral and religious problems. Topics are assigned to individual students in view of their special interests and abilities and presented in a paper to the class for discussion. Seminar. 1 point a semester.

35, 36. **Practice Work in Religious Education**—Observation work, practice teaching, and practical work of like nature, the character of which will be determined by the sort of position for which the student is preparing himself. 1 point a semester.

Courses in any other Semitic language as well as Hebrew will be given upon request. All classes convene in Room 227.

Biology

THOMAS W. GALLOWAY, Ph.D., *Professor of Biology.*

INEZ KING, B.S., *Fellow.*

The courses in biology in the College continue the general elementary course in the Academy by building up a knowledge of the special sciences of zoology and botany on the general principles there discovered. The general purpose is the same as in the Academy—to secure for the student powers of accurate observation, statement, and reasoning, and to acquaint him with the principles and methods of modern biology. Through these studies the student should also be brought into increased sympathy with, and appreciation for, the natural conditions about us. Aside from its culture and disciplinary value, biology has important practical relationship with domestic science, horticulture, agriculture, pharmacy, medicine, and many of the trades. It is also of much interest to all teachers in the rural schools and the grades, in connection with the rational use of "nature study" in correlation with other work.

The laboratory is supplied with all the equipment necessary for first-class work in the following courses:

Biology

C.	General Biology	4 points
D.	General Biology	4 points

Elementary, foundational courses which may be elected by Freshmen who did not offer biology on entrance.

1, 2. **Botany**—Including the study of the morphology, physiology, and ecology of representative cryptogams and the more common phanerogams. Lectures, text-book, laboratory and field work. Primarily for Freshmen and Sophomores. 4 points a semester.

(Courses 1 and 2 are not eligible separately.)

3, 4. **Zoology**—This course includes the study in the laboratory, of representative types of animals; field work on the habits, haunts and adaptations of animals; with text-book and lectures to correlate the isolated observations of the students. Open to Sophomores, Juniors and prepared Freshmen. 4 points a semester.

(Courses 3 and 4 are not eligible separately.)

5. **General Physiology**—This course will deal with the broad problems of plant and animal and human physiology, also with individual and social hygiene. It involves lectures, themes, laboratory and seminars. 4 points.

6. **Advanced General Biology**—a. Theoretical Biology. b. Economic Biology. Lectures, references, theses. Course 6a includes a study of the more important ways in which biology bears on human interests. Course 6b comprises a study of the important discoveries and theories about life, variation, heredity, evolution, etc. 4 points.

Courses 5 and 6 may be elected by Juniors and Seniors who are not specializing in Biology. There will be a differentiation within the course, involving added work on the part of those who wish to present these courses as part of a major in biology. The courses may be elected separately.

7, 8. **Animal Histology and Embryology**—8 points. Juniors and Seniors.

9, 10. **Vegetable Histology**—4 points. Juniors and Seniors.

Courses in Animal and Vegetable Histology will not be offered in one year.

(Prerequisites: Biology 1 to 4, or equivalent.)

Geology

1. Elements of Geology and Paleontology—Text, lectures, theses, and practical exercises in field and museum. Sophomores, Juniors and Seniors.

(Prerequisite: Biology C, D, or equivalent.)

Hygiene

Hygiene 1, 2—This course will be devoted to a study of the conditions of human health, individual and social. It is the purpose to relate it closely to the courses in Physical Culture and to practical life. It is required of all students. Separate sections will be formed for men and women. Freshman. One hour a week for a year. One point a semester.

Chemistry

John C. Hessler, Ph.D., *Professor of Chemistry.*

William F. Henderson, A.B., *Instructor.*

Paul Hawver, 1915, Curtis R. Douglass, 1916, *Laboratory Assistants.*

1, 2. Inorganic Chemistry—Freshman. Two lectures, two double laboratory periods a week for one year. 4 points a semester.

This is a beginner's course in general descriptive inorganic chemistry. It covers the fundamental laws of chemistry, with a detailed study of the properties, manufacture and uses of the most important elements and compounds.

This course is complete in itself, and does not presuppose that the student has already studied chemistry.

Preparation required: Academy Physics or Chemistry with laboratory work for one year.

(Courses 1 and 2 not eligible separately.)

3, 4. Inorganic Chemistry; a Second Division—Two lectures, two double laboratory periods weekly for one year. 4 points a semester.

Preparation required: Academy Physics or Chemistry with laboratory work for one year.

(Courses 3 and 4 not eligible separately.)

5, 6. Qualitative Analysis—Four double laboratory periods a week for one year. 4 points a semester.

This is a laboratory course in qualitative analysis. There will be lectures and recitations, but it is primarily a laboratory course which aims to develop self-reliance and accuracy of observation in the student, as well as to prepare for further chemical work.

Preparation required: Chemistry 1 and 2, or 3 and 4.

7, 8. Quantitative Chemistry—Four double laboratory periods (or more as students may elect) a week for one year. 4 points a semester.

This is a course in general quantitative analysis in which the student has practice in both gravimetric and volumetric processes. He is also required to make several inorganic preparations.

Preparation required: Chemistry 1 and 2 (or 3 and 4) and 5 and 6.

9, 10. Organic Chemistry—Two lectures, three double laboratory periods a week for one year. 4 points a semester.

The work will consist of lectures and recitations on organic chemistry, with laboratory work in preparations, organic reactions, organic analysis, and molecular weight determinations.

Preparation required: Chemistry 1 and 2 (or 3 and 4) 5 and 6.

(Courses 9 and 10 not eligible separately.)

11, 12. Advanced Chemistry—For prepared students. Time and credits to be arranged with the instructor.

14. Household Chemistry—Four double laboratory periods a week for one semester. 4 points.

Preparation required: Chemistry 1 and 2 (or 3 and 4) and 5.

English

Grace Patten Conant, A.M., Litt. D., *Professor of English.*

Davida McCaslin, A.M., *Associate Professor.*

Charline Fender Wood, A.B., *Instructor.*

Caroline Stookey Lutz, A.B., *Instructor.*

I. English Composition

1, 2. Freshman English—The course is intended to answer the practical questions about writing and speaking which the college student asks: how to be clear and effective; and what the necessary principles of structure of the whole composition, paragraph, and sentences are. It is intended also to enable the student, by intelligent applications of these principles, to form right automatic habits in speaking and writing. In connection with the actual instruction in the craft of writing, it is the purpose of this course to be broadening, enriching, and stimulating to the personality and thought of the student, the principle of the course being that correctness of technique is a secondary consideration in composition to the process of thinking. With that end in view, all class-room models are chosen, and general reading for pleasure, without formal report, is carried on through the year,—one volume each of Travels, Poetry, Novels, Short-Story, Biography, History, Essay, Letters, Drama, and Fine Arts. 4 points a semester.

21. Special Composition for Students Deficient in Preparation—This course is designed to give instruction and drill to those students who, after six weeks' trial, are excluded from English 1 because of lack of proper preparation for college English in either their speaking or writing. If such deficiency is overcome by the end of the first semester, such a student may enter English 2. No credit.

15, 16. General Composition—A second year's course in composition, with reference to the needs of the general student as distinct from the student especially interested in writing, is based on the principle that "the chief stimulus to good style is to have a rich, full, complex matter to grapple with." Hence, it is the purpose of the course to give the ability to think logically, originally, and thoroughly, as well as to organize those thoughts and to express them in effective prose. The work is intended to afford practice in as many forms of writing and speaking as are necessary for the student to learn how to be interesting, lucid, dignified, vigorous, or effective in any way which occasion demands. There is opportunity for practical assistance on speeches, college journalism, debates, orations, theses, or papers written for other departments. Required for a major in English. Recommended as a cultural course for all departments. English 15 must precede English 16. 2 points a semester.

23, 24. Seminar in Composition—This course is designed for students of literary ability who have had English 15, 16, and who desire further practice in the more serious forms of writing; one of the following subjects will be taken up each semester: a. Prose Masters,—the study of representative writers, Emerson, Carlyle, Ruskin, Arnold, Pater, Newman, or others, together with the writing of one long essay. b. Debates,—a round table for college debaters who desire help in the principles of argument, and in the organization and presentation of specific debates. c. The Teaching of English Composition,—a study of its aims and methods, drill in theme reading, and occasional practice in teaching. (Omitted in 1915-1916.) 1 point a semester.

25. Informal Writing—The writing and criticism of letters, descriptive sketches, and informal essays is the central object of the course, although there will be opportunity for the presentation of poems or plays for criticism and discussion. There will be, besides, reading in these various fields. 1 point.

26. Short-Story Writing—This course affords practice in the construction and writing of the short-story, accompanied by the study of representative stories. 1 point.

II. English Literature

3, 4. Introduction to English Literature—The purpose of the course is to trace the ebb and flow of English literature from Beowulf to the twentieth century by introducing the student to a few characteristic works of the less important writers and to the life and times of the principal writers and to their thought and style. The first semester, practically all the poems of Chaucer and Spenser will be read and six plays of Shakespeare; the second semester, the works of Milton, Dryden, Swift, Addison, Pope, Burns, Wordsworth, and some of the nineteenth century writers. 4 points a semester.

5. American Literature—The development of American literature from its beginning thru the Colonial and Revolutionary periods, the Knickerbocker School, the Transcendentalists, and the Cambridge Group—, with emphasis on Bryant, Irving, Poe, Hawthorne, Longfellow, Whittier, Emerson, Holmes, Whitman, and Lanier. 3 points.

6. The Novel—A brief survey of the development of English fiction from the early legends, ballads, and romances to the classical novel of the nineteenth century, and a careful reading and discussion of representative novels of Austen, Scott, Dickens, Thackeray, Bronte, George Eliot, Meredith, Conrad and Wells. The purpose of the course is to broaden the student's horizon and to help him to read prose fiction more appreciatively and more discriminatingly. 3 points.

7, 8. Introduction to European Literature—A comparative literature course introducing the student to some knowledge of the general literature of the several great nations of Europe and to an intimate knowledge of their greatest masterpieces. The first semester includes the study in translation of Homer's Iliad and Odyssey, the plays of Aeschylus, Sophocles and Euripides, and Virgil's Aeneid; the second, Dante's Divine Comedy, Goethe's Faust, Tasso's Jerusalem Delivered, Corneille's Le Cid and Cervantes' Don Quixote. 3 points a semester. (Omitted in 1915-1916.)

9. The Romantic Movement—An investigation of the Romantic tendencies in the latter half of the eighteenth century poets and an intensive study of the writers after the culmination of the movement, especially Wordsworth, Coleridge, De Quincey, Scott, Byron, Shelley and Keats. 2 points.

10. Victorian Poetry—A cursory study of Arnold, Rossetti, Morris, and Swinburne and a comprehensive study of Browning and Tenneyson, involving a discussion of their literary method, their growth of mind, their interpretation of life and their relation to their time. 2 points.

11. The Drama—Origin of English drama and its earliest manifestations in liturgical fragments, miracle plays, moralities and interludes; rapid reading of representative plays of pre-Shakespearean and Shakespearean-contemporary dramatists and of Shakespeare's plays as a whole. Detailed study of some twenty plays of Shakespeare, with especial emphasis on content and dramatic technique. 2 points. (Omitted in 1915-1916.)

12. The Drama—Modern drama of Europe and America, its range, form, aims and problems beginning with the plays of Ibsen and continuing with rapid reading thru representative plays of such other dramatists as Bjornson, Hauptmann, Sudermann, Shaw, Galsworthy, Barrie, Zangwill, Tolstoi, Gorki, Tchekhov, Brieux, Hervieu, D' Annunzio, Maeterlinck, Synge, Yeats, Kennedy, MacKaye, Thomas, Echegaray and Tagore. 2 points. (Omitted in 1915-1916.)

13. Old English—An elementary reading course in Old English prose and poetry including The Fight of Maldon, and parts of Beowulf. 2 points.

17. Modern Poetry—A study of twentieth century poets and of the New Movement in English and American poetry. This includes the works of such writers as Masefield, Gibson, Bridges, Noyes, Schauffler, Burton, Hovey, Dodge, LeGallienne and Tagore. Arranged especially for city teachers and persons who wish to come to the university for a one hour course. 1 point.

18. Foreign Novels in Translation—Rapid reading and discussion of a representative novel of Balzac, Daudet, Dumas, Flaubert, Hugo, Loti, Sand, Zola, Ebers, Scheffel, Fogazzaro, Manzoni, Tolstoi, Turgenev, Seinkiewicz, Lagerlof and Galdos. Intended for city teachers and others. 1 point.

19. Appreciation of Literature—A study of the essentials of literature and of the principles that govern literary criticism. Required for major in English. 1 point.

20. Teachers' Training Course—A study of the aims and methods in the teaching of English composition and literature in the secondary school. The student is required to visit classes and to discuss observations, and to submit lesson plans for discussion and approval. So far as possible he is given opportunity for practice under supervision and criticism and for the study of problems arising from actual conditions in the class room. 1 point.

21, 22. Contemporary Literature—A course intended to give acquaintance with current literature in its varied forms and with the writers who represent the thought and feeling of today. The first semester is devoted to the reading and discussion of the best short stories, English, French, and American, and the second, of representative biography and autobiography, essays, sketches of nature and travel, fiction, and drama. Arranged especially for city teachers and others. I point a semester. (Omitted in 1915-16.)

23. **Library Use**—Lectures and practical problems intended to give students a knowledge of the classification and arrangement of books and bibliographies, acquaintance with reference books, the choice of text-books with consideration of editions, translations and publications. No credit.

History and Political Science

ALBERT T. MILLS, A.M., *Professor of History and Political Science.*

GEORGE EMORY FELLOWS, *Recent European History.*

THEOPHILE J. MEEK, *The Church and the Reformation.*

ARTHUR B. CROSIER, *The Middle Ages.*

JOHN P. McCOY, *Ancient History.*

1. **History of England**—The study of a people who have developed far along lines of true democracy; a rarely fertile field for the student of politics, literature, and religion. A new text will be used which gives due prominence to every great phase of British development. 4 points. Freshmen, Sophomores.

2a. **English Industrial History**—England's four industrial systems will be presented: agriculture of the manor, under communistic control; crafts, under the control of gilds; commerce, under the control of the national government; and the factory,—first under the control of the owner, and then under parliament's regulation. Movements that will be emphasized are: the struggle for industrial liberty, industrial training for skill and quality of work, and free trade as a benefit to the consumer. Text, lectures, readings. First Term. 2 points. Freshmen, Sophomores.

2b. **Industrial History of the United States**—A systematic study of a virile and energetic people who appropriated and developed the wonderful natural resources of a new continent, with such eminent success that our industrial development has no parallel in the world's history. Second Term. 2 points. Freshmen, Sophomores.

3. **American History, The Colonies**—European backgrounds, and the gifts of Europe to America; the new world, and the planting of democratic ideas; colonial independence, and progress toward nationality. Text, readings, and weekly reports. 4 points.

This course should be preceded by a year's study of English or European History. Junior or Senior credit will be given for American History only when History 1 and 2, or History 11 and 12, or an equivalent preliminary preparation, has been made.

4. **American History—Constitutional Period**—A continuation of "3," which will embrace: (a) the Federal and the Jeffersonian systems, the rise of the new West, the Jacksonian democracy; (b) the trial of nationality by slavery and by territorial extension; (c) reconstruction, political and economic. 4 points.

5, 6. **Recent American History**—Special political economic, and diplomatic problems since 1876. 2 points a semester. Juniors, Seniors.

7. **Federal Constitutional Law of the U. S.**—The general principles of Constitutional law as they pertain to the federal and state systems. The study will include the Constitution itself, a manual which presents the principles of the law, and a number of leading cases in which those principles are developed. The cases will embrace the subjects of commerce, taxation, money, police power, impairment of contracts, political questions, injunctions, and others. 3 points. Juniors, Seniors. (Omitted 1915-16.)

8. **Public International Law**—The intention of the course is to acquaint students with the laws governing states in their normal relations, in their relations of war, and in their relations of neutrality. 2 points. Juniors, Seniors.

9. **Government**—An introduction to political science. The origin and purpose of government, its forms and functions. The state and the United States will be studied systematically, and then compared to the governments of leading European countries. 3 points. Juniors, Seniors.

10. **Modern Politics**—Practical conclusions of the evolution of civilization will be applied to present day affairs,—politics, education, government, society, etc. The ideals of laissez-faire, liberty and equality, labor time, universal suffrage, peace-at-any-price, and others will be examined. The evolution of states will be the general theme, and possible reconstruction the practical problem of the course. 2 points. Juniors, Seniors. (Omitted 1915-1916.)

11, 12. **European History**—The Church, the Renaissance, and Protestant Reformation will be leading topics during the first semester; and political revolutions, national unity, territorial expansion, and commercial power will be leading topics during the second semester. The past will be subordinated to the present, to enable students to understand present-day European affairs. 4 points a semester. Freshmen, Sophomores.

Note—Students majoring in History and Political Science may receive credit, to the amount of one year, in either Economics, Elementary Law and Commercial Law, or Bible History, subject to the approval of the Head of the History Department.

Latin and Greek

ISABELLA T. MACHAN, A.M., *Professor of Latin and Greek.*

LUCILE M. BRAGG, A.M., *Instructor.*

The course of study in this department for the first two years has been arranged with reference to the fact that many of the students who take Greek and Latin do not intend to specialize in these subjects, and it is therefore desirable to give them in addition to a grammatical and linguistic training, an acquaintance with the subject-matter and literary merits of a considerable body of representative literature. In order to obtain this result, authors of a simpler style have been selected, and considerable portions of their works and related writings assigned for rapid reading. In connection with the reading of Plato and Cicero during the first term, there will be included a thorough review of the fundamentals of accidence and syntax. During the first two years the student will be made acquainted with the legal and political antiquities of the Greeks and Romans, their history and mythology, and the elements of archeology.

Latin

1, 2. Latin of 1st Century B. C.—De Senectute and De Amicitia of Cicero; Odes and Epodes of Horace, with readings from Catullus; Characteristics of Roman Literature. Prose Composition (optional). Freshman year. 3 points a semester.

3, 4. Latin of the Empire—Germania and Agricola of Tacitus; 4. Roman Satire and Epigram; Juvenal and Martial; Prose Composition (optional). Sophomore year. 3 points a semester.

5. Ars Poetica, Epistles of Horace and Book X. of Quintilian, or The Letters of Pliny. These courses alternate. 3 points. Juniors.

6. The Captivi, Trinummus and Rudens of Plautus, or three plays of Terence. Lectures on the Roman Drama. 3 points. Juniors.

7. Cicero's Letters (I-XXV Abbott) and Book I of the Tusculan Disputations, or De Natura Deorum. 3 points. Seniors.

8. Lucretius—Books I-III, or Petronius. Prose Composition optional in 7 and 8. 3 points. Seniors.

10. Lectures on the Latin Language and Literature, English Course. Juniors and Seniors. 2 points.

12. Monuments of Rome—1 point. Juniors and Seniors. (Omitted in 1915-1916.)

13. Teachers' Course—Materials of Latin studies, and method of Latin instruction. 2 points.

Greek

1, 2. Greek Lessons—Anabasis, Book I. Composition. 5 points a semester.

3, 4. Anabasis, Books II, III. Iliad I, III. Composition. 4 points a semester.

5, 6. Apology and Crito of Plato—The Persai of Aeschylus with readings from Herodotus. Composition optional. 3 points a semester.

7. Demosthenes and Aeschines on the Crown. 3 points.

8. The Phaeacian Episode of the Odyssey, with readings from Hesiod and the Homeric Hymns. 3 points.

9. The Antigone of Sophocles and Alcestis of Euripides. 3 points. Juniors and Seniors.

10. Thucydides—3 points. Juniors and Seniors.

11. Topography and Monuments of Greece, with readings from Pausanias. 2 points. Juniors and Seniors.

13. Greek Literature—English Course. 2 points. Juniors and Seniors.

15. History of Ancient Art—1 point. (Omitted in 1915-1916.)

Library Science

Eugenia Allin, B.L.S., *Librarian and Professor of Library Science.*

The purpose of the courses offered under this head is twofold: (1) to bring the principles of library economy before the general student in such a way as to enable him to use with advantage any properly arranged library, and to assist him in selecting and managing his own library, and (2) to train librarians. The courses are given by lectures, text-books and practice, in which the library itself is the laboratory.

1. History of Libraries—An account of the foundation and development of ancient, mediaeval and modern libraries, special importance being given to the library in the United States. 1 point.

2. Book-Making—History of writing, materials, early forms of books, manuscripts, the invention and spread of printing, printers' marks, book illustrations, book binding (with visits to the local bindery). 1 point.

3. Bibliography—A study of (1) national and trade bibliography, especially of the United States and England, and (2) general and subject bibliography. Lectures are given on the literature and bibliography of special subjects by professors in the respective departments of the University. 2 points.

4. Selection of Books—Various problems in the selection and buying of books for libraries and special classes of readers are discussed. Typical books are read, reviewed and criticized. Leading general and critical periodicals containing book annotations and reviews are systematically examined. Lectures are given on publishers, editions, discounts, etc. 2 points.

5, 6. Library Economy—This course is concerned chiefly with the book in the library before it reaches the reader, and includes the business details involved in ordering books; accession work; the mechanical preparation for the shelves; lectures and practical work on the use of the Dewey Decimal Classification; assigning book numbers from the Cutter—Sanborn Author Tables; shelf listing; cataloging in accordance with "Dewey's Library School Rules," "Cutter's Rules for a Dictionary Catalogue", and the "A. L. A. List of Subject Headings". Each student is required to catalog a certain number of books which illustrate the principles involved, and the cards are carefully revised and criticized. The more intricate problems of cataloging are studied, and the ordering and use of the Library of Congress printed cards. Lectures are given on loan systems, architecture, repairing and binding books, the copyright laws, library laws and other allied topics. 3 points a semester.

7, 8. Elementary Apprentice Work—The course includes the minor work of a library, such as the mechanical preparation of books for the shelves, practice in library handwriting and alphabeting, and work with the books on the shelves to familiarize the student with library methods and resources. 1 point a semester.

9. **Reference Work**—The reference books are considered in groups, such as handbooks of general information, statistics, quotations, encyclopedias, dictionaries, and the reference books of all classes, such as history, natural science, etc. Practical problems based upon the books studied and practice in making reference lists are given to the students. 3 points.

10. **Library Work With Children**—A study of the child and his literature; the reading and examination of books for children; story telling, what stories to tell and how to tell them; the organization and equipment of the children's room; work with the public school. 2 points.

11, 12. **Advanced Apprentice Work**—Students in this class are given the catalog cards of the elementary class to revise and criticize, do independent cataloging, loan desk and reference work, and receive practical training in the general management of the library. 1 point a semester.

13. **Public Library Work**—The organization and administration of public libraries; planning and equipment of buildings, reading rooms; business forms and accounts, etc. 2 points.

14. **General Reference**—Lectures on the classification and general arrangement of books in a library, library aids, card catalogs, the best known reference books with practical problems based on these. A course intended to assist the general college student, not for students in the Library Science Department. 1 point.

15. **Typewriting**—Academy typewriting A. The work includes instruction in the mechanism of the typewriter and a thorough mastery of the keyboard and correct fingering. See School of Commerce and Finance. 3 points.

Mathematics

WALTER J. RISLEY, A.M., *Professor of Mathematics.*

HAROLD R. PHALEN, B.S., *Instructor.*

JOHN P. MCCOY, A.M., *Instructor.*

The first year's work touches all lines of mathematical thought and aims to give some knowledge of the object of mathematical investigation and of some of its most far-reaching conclusions. Emphasis is put upon its relationship to the whole body of human knowledge. The aim is to give a wide perspective as well as skill in handling certain problems. In the second year's work the student becomes more familiar with those fundamental processes and methods which are needed for the higher work.

Attention is directed to the course in Commercial Algebra or The Mathematical Theory of Investment. While of primary interest to the student of commerce and finance, it will prove a benefit to the general student and to the student of engineering.

The advanced College courses are for the student who desires to specialize in mathematics. They introduce him to the wider fields and the more powerful methods. He thus becomes equipped for entering upon graduate study.

The department has an excellent collection of models covering undergraduate work. These include a full set of Hanstein's apparatus; stereoscopic views; full sets of regular, semi-regular and Archimedes solids; a set of the Kepler-Poinsot bodies; a set of the 32 simple crystal forms; a large number of solids of rotation; several thread models; several plaster models; models for theorems in kinematics; some linkages; several drawings of higher curves; models for illustrating methods in solid analytics; several models and drawings to illustrate four-dimensioned solids. This collection is added to yearly, and will soon cover every type of problem arising in undergraduate study.

ELEMENTARY COLLEGE COURSES

Primarily for Liberal Arts

1. **Algebra**—A short review of the elementary algebraic processes, followed by a study of some of the more advanced topics, including theory of equation, variation, the progressions, mathematical induction, binominal theorem, undetermined coefficients, determinants, etc. Constant use is made of graphical methods. Many applications are made to problems in physics, chemistry, etc. 4 points.

2. **Trigonometry**—The application of the circular functions to the solution of triangles and to problems in geometry, etc. Trigonometric equations and identities; logarithmetic calculations. 4 points.

3. **Analytic Geometry**—The theory of the analytic geometry of the point, the straight line, the conic sections and some higher plane curves, with their most important applications. 4 points. Sophomores or Juniors.

4. **Calculus**—An elementary course with applications to the more simple problems of geometry, physics, and chemistry. 4 points. Sophomores or Juniors. Mathematics 3 and 4 may be elected as 5 hour courses.

Primarily for Commerce and Finance

22. **Commercial Algebra**—A course in the fundamental mathematical theory of investment with applications to problems of interest, annuities, amortization of interest-bearing debts, valuation of bonds, sinking funds and depreciation, building and loan associations, life annuities and life insurance. Mathematics 1 or its equivalent is a prerequisite. 4 points.

Primarily for Engineers

5, 6. **Algebra, Trigonometry and Analytic Geometry**—During the first semester emphasis is placed on trigonometry and algebra with those parts of analytic geometry that are needed in the graphical treatment of these subjects; the second semester is largely devoted to the problems of analytic geometry. The development of methods of attack and of powers of analysis is constantly sought. The graphical treatment of mathematical and engineering problems is made a leading feature of the course.

A good working knowledge of elementary algebra is essential at the beginning of these courses; it is therefore strongly urged that a thoro review of algebra, thru quadratic equations, be made shortly before entering.

Credit will not be given for a half year in this course. 5 points a semester. Freshman engineers.

7. **Calculus**—The elements of the differential calculus with its applications to curve plotting, rates, maxima and minima; the fundamental forms of integration with application to plane areas in rectangular and polar co-ordinates. 5 points. Sophomore engineers.

8. **Calculus**—Applications of definite integrals to problems in plane areas, lengths of arcs, and surfaces of revolution; volumes of revolution by means of parallel cross-sections; successive integration with applications to areas, surfaces and volumes; approximate methods of integration; Taylor's Theorem; subtangents; asymptotes; curvature; elementary diffferential equations. 5 points. Sophomore engineers.

The above courses are given every year. A considerable collection of models and figures set up in space or modeled in plastelene exemplify the geometry courses. Drawings to scale, graphic treatments and verification of results aid in the other courses.

With the approval of the head of the department, the following courses may count as courses in mathematics: Descriptive Geometry, C. E. 2; Mechanics, C. E. 20, 21.

ADVANCED COLLEGE COURSES

9. **Pure Geometry**—Modern pure geometry, including the theory of projection, inversion, duality, polarity, etc. 3 points. Elective for Sophomores or Juniors.

10. **Advanced Analytic Geometry**—A generalized treatment of co-ordinates, correspondence of various kinds, descriptive properties of curves, projective properties, transformations, and invariantive properties. 3 points. Elective for Sophomores or Juniors.

11. **Advanced Algebra**—A treatment of the rational integral function and its roots, symmetric functions and other functions of the roots, Galois' substitution groups and their applications. 3 points. Elective for Sophomores and Juniors.

12. **Advanced Algebra**—Matrices and linear groups and invariants, with applications. 3 points. Elective for Sophomores and Juniors.

13, 14. **Advanced Calculus**—Differential equations, definite integrals, Taylor's Series, maxima and minima, variations. 3 points a semester. Elective for those who have had calculus. Juniors and Seniors.

The advanced courses may be elected as 4 or 5 hour courses.

COURSES FOR MASTER'S DEGREE IN MATHEMATICS

Elementary Theory of Functions with applications.

Newtonian Potential Functions.

Fourier's Series and Spherical Harmonics.

Infinite Series and Products.

Higher Plane Curves.

Theory of Invariants with applications.

Vector Analysis.

See regulations concerning the master's degree, page 12.

Modern Languages

ROBERT JAMES KELLOGG, Ph.D., *Professor of Modern Languages.* (On leave of absence).

BONNIE BLACKBURN, A.B., *Associate Professor of Modern Languages.*

SARAH DALE, A.B., *Assistant Instructor in German.*

RUTH LEWMAN, 1915, *Assistant in French.*

MARTHA MCINTOSH, 1915, *Assistant in French.*

The courses in Modern Languages aim to give (1) a thorough practical and grammatical mastery of the language in question, (2) ability to read more difficult works at sight, and (3) acquaintance with national literature and life and with the history of the language and literature. The direct method of teaching is employed, and all courses are conducted mainly in the language taught.

Students offering credits from other schools for admission to advanced standing in any modern language, must either show the facility in reading, writing, and speaking prerequisite to the course entered, or take such previous courses as are necessary in the particular case. Credits for lower courses thus taken will depend on the amount of unrepeated work, as shown by a duly certified detailed statement of former work in the given language.

A single semester's work in a beginning foreign language cannot be counted as points for graduation until a full year's work is completed.

German

1, 2. **Beginning German**—Oral instruction, conversation and themes based on objects, pictures, stories, poems, and songs. Assigned and sight reading, memorizing and free reproduction. Phonetic and grammatical drill based on reading. 5 points a semester. Freshmen.

3, 4. **Advanced German**—Reading of tales, legends, short stories, novels, comedies and German periodicals, with conversation and free reproduction based on reading. Weekly themes and review of grammar, including inflection, syntax and word-formation. Collateral study of German geography, history and biography. 4 points a semester. Freshmen and Sophomores.

3cf, 4cf. **Commercial German**—Students in the School of Commerce and Finance taking German 3-4, will substitute for the regular weekly themes and for a part of the collateral reading, practice in commercial vocabulary and correspondence and business forms, and a study of German industrial and commercial conditions. Written reports and abstracts of such reading must be rendered.

3s, 4s. Scientific German—Scientific or technical students taking German 3-4 may, with the approval of the head of the school or department in which their main work falls, substitute scientific reading and themes for the required composition work and collateral reading. Written reports and abstracts of such work must be rendered.

5, 6. Introduction to German Literature—Lessing's Minna von Barnhelm, Goethe's Hermann und Dorothea, Schiller's Wilhelm Tell, Hauff's Lichtenstein, Freytag's Die Journalisten. Collateral reading of Keller's Bilder aus der deutschen Literatur and Holly's German Epics Retold. 3 points a semester. Sophomores and Juniors.

7, 8. German Life and Institutions—Readings and illustrated lectures on German cities, scenes, customs and institutions, social and political relations, and daily life. Conversation, free reproduction and German themes. Collateral reading of German newspapers and periodicals. 3 points a semester. Sophomores and Juniors.

9, 10. The Modern Novel—Selected works of nineteenth and twentieth century novelists. Readings, discussions and abstracts. Outside reading of tales and short stories with brief reports on same. For collateral reading see note following course 11-12. 3 points a semester. Seniors and Graduates.

11, 12. German Poetry and Drama—11. Lyric Poetry. Goethe, Schiller, Uhland, Heine, Scheffel and minor poets. 12. Drama. Selected dramatic works of classical and modern authors. For collateral reading see note following. 3 points a semester. Seniors and Graduates. (Not given in 1915-1916.)

Note—Courses 9-10 and 11-12 are given in alternate years. Courses 1-6 or their equivalent, including a fluent speaking and reading knowledge of ordinary German, are prerequisite. The required collateral reading (one-half to be done in connection with each course) includes: (1) Stroebe and Whitney's Geschichte der deutschen Literatur, (2) Collitz' Selections from Early German Literature, (3) Collitz' Selections from Classical German Literature, (4) either Engel's Geschichte der deutschen Literatur or Koenig's Deutsche Literaturgeschichte, (5) Behagel's Die deutsche Sprache or Meyer's History of the German Language, (6) Curme's German Grammar or Heyse's Deutsche Grammatik, (7) Viëtor's Deutsche Aussprache, (8) Bagster-Collins' German in Secondary Schools, (9) Steinhausen's Geschichte der deutschen Kultur, (10) Paul's Prinzipien der Sprachgeschichte or Strong-Logenman-Wheeler's History of Language, (11) Monatshefte für deutsche Sprache und Pädagogik, (12) Modern Philology, or Journal of English and Germanic Philology. Optional collateral reading in addition to the above will be given to students desiring the same, especially along the line of Germanic and Indo-European Philology and Phonetics.

French

1, 2. Beginning French—Oral instruction, conversation and themes based on objects, pictures, stories, poems, and songs. Assigned and sight reading, memorizing and free reproduction. Phonetic and grammatical drill based on reading. 5 points a semester. Freshmen.

3, 4. Advanced French—Reading of tales, legends, short stories, novels, comedies, and French periodicals, with conversation and free reproduction based on reading. Weekly themes and review of grammar. Collateral study of French geography, history, and biography. 4 points a semester. Freshman and Sophomore.

5, 6. Introduction to French Literature—Selected works of Corneille, Racine, Molière, Balzac, Coppée, Dumas, Hugo, Daudet, Merimée, Maupassant, France, Augier, Labiche et Martin. Weekly themes. Collateral reading of Duval's Histoire de la littérature française. 3 points a semester. Sophomore and Junior.

7, 8. French Life and Institutions—Readings and illustrated lectures on French cities, scenes, customs, institutions, social and political relations, and daily life. Conversation, free reproduction, and themes. Collateral reading of French journals and periodicals. 3 points a semester. Sophomores and Juniors.

9, 10. The Modern Novel—Readings from Sandeau, Feuillet, About, Flaubert, Hugo, Zola, Daudet, Vigny, Bazin, Loti, France, etc. Lectures and reports on authors read. Outside reading of tales and short stories with brief reports on same. For collateral reading see note following course 11-12. 3 points a semester. Seniors and Graduates.

11, 12. French Drama. 11. Classical Drama—Selected works of Corneille, Racine and Molière. 12. Modern Drama. Selected works of Marivaux, Voltaire, Sedaine, Diderot, Beaumarchais, Dumas, Scribe, Sardou, Hugo, Rostand, etc. Lectures and reports on authors read. Outside reading of French lyric poets with brief reports on same. For collateral reading see note following. 3 points. Seniors and Graduates. (Not given in 1915-1916.)

Note—Courses 9-10 and 11-12 are given in alternate years. Courses 1-6 or their equivalent, including a fluent reading and speaking knowledge of ordinary French are prerequisite. Collateral reading on the history of the language and literature, advanced grammar and phonetics, and methods of teaching French will be required.

Spanish

1, 2. Beginning Spanish—Oral instruction, conversation and themes based on objects, pictures, stories, poems, and songs. Assigned and sight reading, memorizing and free reproduction. Phonetic and grammatical drill based on reading. 5 points a semester. Freshmen and Sophomores.

3, 4. Advanced Spanish—Drama and novels, poetry and a study of metrical forms. Cervantes, Calderón, Lope de Vega, Echegaray, Galdós, Pereda, Padre Isla, Tamayo, Alarcón, Moratín, Bazán, Caballero, Nuñez de Arce. Drill in composition, letter writing, and business forms. 4 points a semester. Sophomores and Juniors.

Philosophy

John Edward Rouse, Ph.D., *Professor of Philosophy and Education.*

Course 1, dealing with the mind as fact, should be taken in connection with other fact sciences, as biology and chemistry. Courses 3, 4a and 4b, regarding mental life from the standpoint of ideals, or values, should accompany and supplement courses in literature, history, and the arts. Course 3 shows how ideals have arisen and developed historically, and Courses 4a and 4b consider exclusively the ideals of thinking and of conduct. The three latter courses provide a complete year's philosophical study. All four courses are especially valuable to students of education.

1. General Psychology—The main facts and principles of mental life in the normal human adult. The student learns to observe and to describe his conscious processes, and he endeavors to understand them in terms of their conditions. Texts: Colvin and Bagley, Human Behavior; Titchener, A Text-Book of Psychology. 4 points. Sophomores and Juniors.

3. History of Philosophy—An introduction to the fundamental problems of philosophy. The course traces briefly the historical development of thought since the early Ionic Greeks, and aims to acquaint the student with the general meaning of philosophy and its relation to art, science and religion. Lectures, discussions and readings. Jowett's Plato and Rand's Modern Classical Philosophers. Text: Rogers, A Student's History of Philosophy. 4 points. Juniors and Seniors.

4a. Logic—A brief consideration of the laws of clear thinking, deductive and inductive, with some attention to the special theories of scientific method, evidence and argumentation. Jones' text, with supplementary reading and exercises. 2 points. Juniors and Seniors.

4b. Ethics—An examination of the various types of activity, and an attempt to formulate a broad ideal by means of which to interpret human conduct. Original papers on practical topics. Text: Dewey and Tuft, Ethics. 2 points. Juniors and Seniors.

Physics

Harold R. Phalen, B.S., *Instructor in Mathematics and Physics.*

1, 2. General Physics—Three recitations and two two-hour laboratory periods a week. 5 points a semester. Sophomores.

First Semester—Mechanics and Heat.

Second Semester—Electricity, Magnetism, Light and Sound.

Text-Books: Duff's Physics, Dayton Clarence Miller's Laboratory Physics.

This course covers in a more general manner and more scientific way the work of the secondary school. The mathematics of the course is simplified as much as possible in order that it may be available for students desiring the A.B. degree and at the same time adequately fit the engineering student for the pursuit of advanced courses. Either Physics or Chemistry must be offered as a prerequisite and a knowledge of College Algebra and Trigonometry will be found advantageous. Students intending to pursue the study of medicine will be given extra material, both for study and experiment, covering such subjects as osmosis, fluid flow in pipes, radio-activity and the X-ray.

Vocal Expression and Public Speaking

Howard G. Seldomridge, *Professor of Public Speaking.*

B. Vocal Expression—Reading and Recitation. Text-Book: Classics for Vocal Expression. 2 points. Academy and Freshmen.

1. Extemporaneous Speaking—Facility in thinking and speaking before an audience. Different forms of thinking in public speech. 1 point. Freshmen and Sophomores.

2. Extemporaneous Speaking—Various subjects for treatment in public speech. 1 point. Freshmen and Sophomores.

3, 4. Vocal Expression (General Course)—General investigation of the action of the mind, of the voice and of the body, in the expression of thought and emotion. Vocal training. Recitation and criticism. Text-book: Foundations of Expression. 5 points a semester. Freshmen and Sophomores.

5, 6. Vocal Expression (Advanced Course)—More detailed study of the imagination in its application to art, literature and expression. Control of emotion, sympathetic identification of character and situation. Voice training for range, flexibility and tone-color. Text-book: Imagination and Dramatic Instinct. 4 points a semester. Sophomores and Juniors.

7. Argumentation—The theory of argumentation in speeches and debates. Text-book: Argumentation and Debate. 2 points.

8. Debate—The practice of argumentation in speeches and debates. 2 points.

9. Platform Addresses; Their Structure—Study of famous orations to discover their structure. 2 points.

10. Platform Addresses; Their Structure and Delivery—Practical information and utterance of addresses of various kinds. 2 points. Sophomores and Juniors.

11, 12. Public Reading—Adaptation of literature to public reading. Recitation with criticism. First semester: Arrangement and production of an evening's program from the typical writings of a single author. Second semester: Arrangement and production of an evening's program from a single large work in literature. 2 points a semester. Juniors who have taken Vocal Expression 3, 4.

13, 14. Vocal Expression (Third Course)—First semester. Recitation of more difficult literature. Acting of scenes from Shakespeare. Second semester: Dramatic Monologues of Browning; Impersonation of scenes from Shakespeare. 2 points a semester. Juniors and Seniors who have already taken Vocal Expression 5, 6.

15, 16. Vocal and Literary Interpretation of the Bible—Bible interpretation, hymn reading and sermonizing. 1 point a semester.

18. Salesmanship—Study of self, the customer and the goods. 2 points.

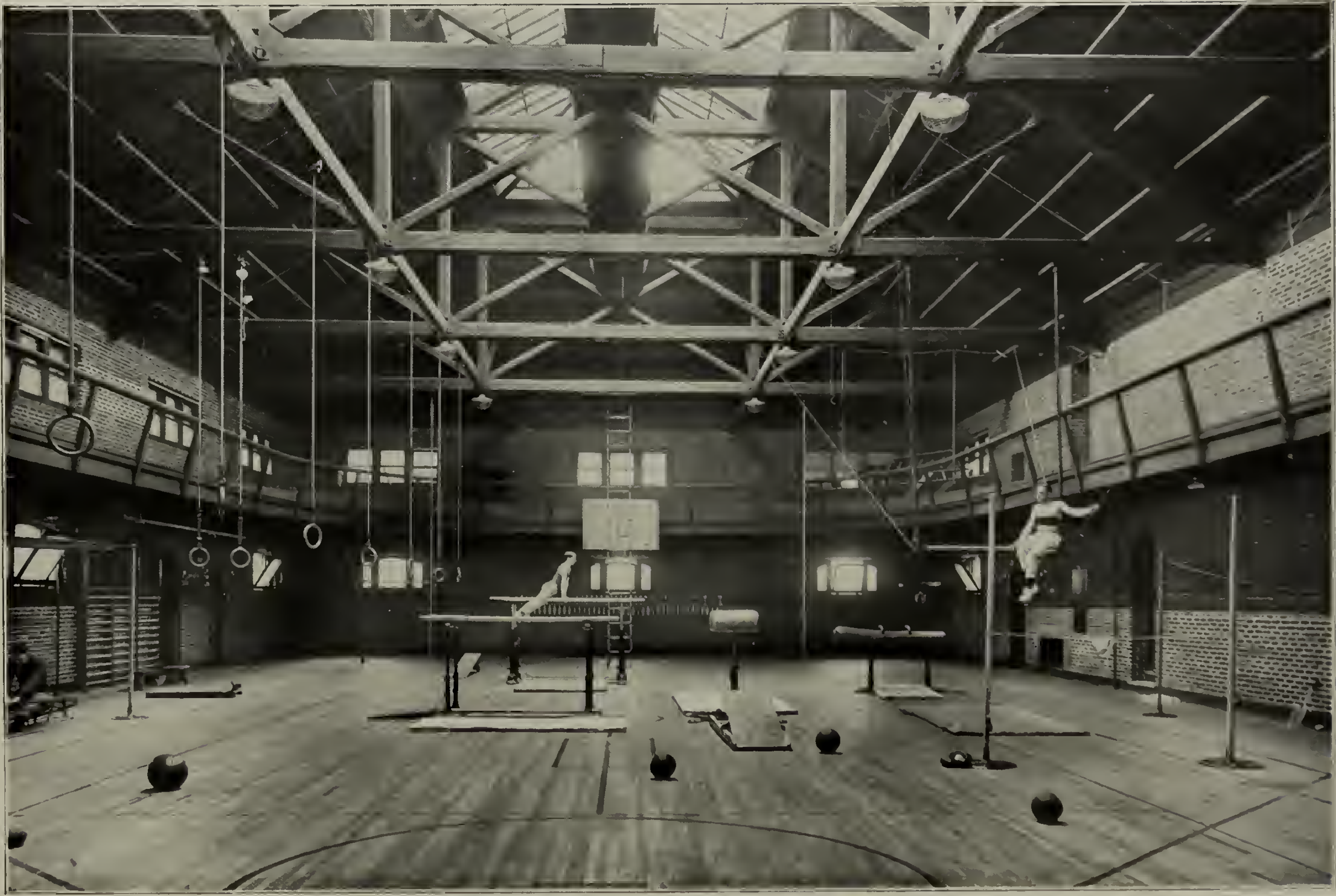
Physical Training

Neil Price, A.B., *Physical Director.*

Mollie Grubel, *Physical Director for Women.*

The department of physical training supervises and directs all gymnastics and athletic activities. The former embraces the usual courses in gymnastics and the latter includes baseball, basket ball, tennis, foot ball, track work, cross-country runs, etc. As far as possible, the activities of fall and spring are conducted out of doors, and indoor work confined to the winter months. The

GYMNASIUM



INTERIOR GYMNASIUM

Director coaches the athletic teams, thus giving unity to the indoor and outdoor exercises of the institution.

Required Work: At least two years' work and the attainment of two credit points in athletics is required of all regular and special college students. The prescribed work covers two periods per week throughout the Freshman and Sophomore years, and gives a maximum credit of one-half point per semester as collateral work. The actual credit given depends on regularity of attendance, satisfactory completion of the work and the attainment of a reasonable degree of physical development and skill.

The first year of required work is designed for Freshmen, and will consist of light and heavy gymnastics and athletic games and sports. The second year's work consists of special sports and exercises, and is designed for students who have attained the minimum of vigor, development and skill which should result from the work of the first year. Freshmen who have attained to this standard at the time of entrance, may be admitted to the second year course, but must still take two full years' work in athletics, either by class courses or else in athletic team work, in order to make the required number of credit points.

No student may be excused from the prescribed work in athletics, unless allowed by special permission to substitute other work of equivalent credit. Such permission can only be granted on the presentation of reasons satisfactory to the Department of Physical Training and the Executive Committee of the College Faculty.

Teachers' Courses in Athletics and Physical Training: These courses are designed to equip prospective teachers of athletics for the efficient administration of athletics and physical training in public schools, academies, colleges and Y. M. C. A.'s. Graduation from a four years' high school, or equivalent preparation, is prerequisite to entering these courses.

A special Teacher's Certificate for Athletics and Physical Training will be given to students who successfully complete these courses.

These courses are open as electives to all students, and may be combined with work in any other lines. They are intended both for those who aim to teach athletics as their special work, and for those who wish to add the teaching of athletics to that of other branches. They extend through two full years of work, but do not fill the student's entire time, as it is expected that he will in every case, whether specializing in athletics or not, elect some work in other departments.

Teachers' Courses in Manual Training and Athletics: Because teachers of Manual Training find that they are usually expected to conduct athletics also, special provision is made to combine these courses with the Manual Training Teachers' Course. (See announcement of courses in Manual Training.) The successful completion of this combined course leads to a special Teachers' Certificate in Manual Training and Athletics.

Courses

A. Required Work.

1, 2, and 3, 4. Athletics—These courses extend through two years, beginning with exercises in free gymnastics and in light apparatus and extending through the usual exercises with heavy apparatus—all organized for the purpose of developing a symmetrical form, vigorous health, ready strength, and quickness of thought and action. Members of the various athletic teams of the College and those regularly practicing with them, will substitute such team work in its season for indoor gymnastics. But all members of athletic teams shall attend the regular gymnastic classes or the more advanced teachers' classes whenever their team-work is suspended. 2 hours per week, giving ½ point a semester.

1, 2, and 3, 4. Gymnastics for Women—These courses extend thru two years and embrace hygienic, corrective and recreative exercises, including free gymnastics, fancy steps, clubs, wands, dumb-bells, games, etc. Their object is to improve bodily health, develop the vital organs, round out a symmetrical form, give grace of movement, teach habits of good posture in sitting and standing and make the entire body subservient to the control of the will. 2 hours per week, giving ½ point a semester.

B. Teachers' Courses in Athletics and Physical Training:

First Year

5, 6. Athletic Games—This course includes a study of the major branches of sports: Football, Basket-Ball, Baseball and Track Athletics, each sport being taken up in its season for study. The class periods are taken up with lectures on the game, the offense, the defense, a study of the rules, how to play the several positions, arranging of a schedule for that branch under discussion, planning a daily program of practice with methods of coaching. The student parallels the class work with practice on the field or the gymnasium floor, two hours per week being given to each. 2 points a semester.

7, 8. Normal Gymnastics—A course in the theory and practice of the conduct of classes in physical training. A study is made of the nomenclature of gymnastics. The different systems of Physical Training and their various phases and application at the present time are studied from the writings of prominent exponents. Floor work accompanies the class work, two hours per week being given to each. 2 points a semester.

9, 10. Biology: Freshman Hygiene—This course deals with the elementary principles of structure, use, and health of the human body, and is intended to give the student, early in his course, the information necessary to enable him to live sanely and realize the most possible from his bodily and mental equipment. Required of all students. 1 point a semester.

Second Year

11, 12. Advanced Athletic Games—Deals with methods of coaching, training and managing athletic teams. Lectures and assigned readings on the History, Theory and Rules of the most important games, with practice on the field and floor under supervision. Practice in coaching. Theoretical and practical study of first aid to the injured, including causes, nature, and treatment of wounds, bruises, sprains, faints, shocks, etc.; poisons, antidotes, stimulants; bandaging, dressings, antiseptics, etc. Class work and practice work, each two hours per week. 2 points a semester.

13, 14. Advanced Normal Gymnastics—Lectures and assigned readings dealing with the history of Physical Training in ancient and modern times and especially with its development in Europe and America in the last century. Progress in recent ideas regarding the nature and means of Physical Training traced through writings of men prominent in the field to the present. Practice teaching. It is expected that opportunities can be furnished to conduct classes in the public schools, and to take charge of gymnastic classes under supervision, to manage meets, etc. History and uses of anthropometry and authropometric charts. The bearing of family and personal history on the present condition of the individual. The prescription of exercise. 2 points a semester.

15, 16. Biology: Anatomy and Hygiene for Physical Trainers—Deals with such details and principles of structure and care as should be in the possession of any physical director who wishes to approach the subject scientifically. 1 point a semester.

THE SCHOOL OF EDUCATION

The Faculty

George E. Fellows, Ph.D., LL.D., *President of the College, and Lecturer in Education.*

John E. Rouse, Ph.D., *Professor of Philosophy and Education.*

John P. McCoy, A.M., *Principal of the Academy, and Associate Professor of Education.*

Theophile J. Meek, A.B., B.D., *Professor of Biblical History and Literature, and Lecturer in Religious Education.*

Robert J. Kellogg, Ph.D., *Professor of Modern Languages.* (On leave of absence).

Grace Patten Conant, Litt.D., *Professor of English.*

Isabella T. Machan, A.M., *Professor of Latin and Greek.*

William M. Hekking, B.P., *Professor of the Theory and Practice of Art.*

Lorell M. Cole, *Professor of Manual Training.*

Mabel Dunlap, B.S., *Professor of Domestic Art.*

Edna L. Skinner, B.S., *Professor of Domestic Science.*

Bonnie R. Blackburn, A.B., *Associate Professor of Modern Languages.*

William E. Snyder, *Associate Professor of Piano Playing.*

Arthur B. Crosier, *Instructor in Commercial Courses.*

Neil Price, A.B., *Director of Physical Training.*

Lois Wasson, *Instructor in the Art of Singing.*

Louise Bear, *Instructor in Public School Music.*

Note: The above list of teachers includes only those in charge of the technical work in education. The first four offer general courses in the history, psychology, theory, and administration of education; the others, in the methods of teaching their special subjects. Six of the number supervise class observation and practice teaching. Most of those named and several others in the College give courses in the fundamental branches, such as English, history, and natural science, which necessarily constitute the main body of the prospective teacher's equipment.

Purpose and Organization

The design of the School of Education is:

I. To afford the general college student an opportunity for the study of education as a vital function of society.

II. To provide a thorough preparation, both cultural and technical, for those who expect to teach or who, as Christian educators, desire to fit themselves for certain practical phases of social and religious service.

III. To meet the needs of teachers residing within easy access to the College who may wish either to avail themselves of class instruction on certain days of the week or to pursue investigations along lines of individual interest.

To realize this aim, the School of Education seeks to bring into active coöperation those various agencies and influences at Millikin which naturally contribute to the training of teachers and to the general promotion of high educational ideals. It is thus not academically distinct from other schools of the College, but is merely a practical device of organization and administration for assisting and guiding prospective teachers and certain others in the choice and pursuit of their professional studies. In doing this, the School of Education plays the part of a genuine teacher's college, and is coördinate in function with other special training schools, such as those for art, engineering, and business administration.

Plan of Instruction

Students having only a general interest in education should elect work in educational history and psychology. These courses are cultural and also give information regarding important reform movements in contemporary education.

Those desiring to become teachers or social and religious directors and secretaries are offered a broad curriculum, requiring four years' study beyond the high school. During the first two years a strong foundation is laid in the cultural studies, especially English, foreign language, history, laboratory science, and mathematics. The student also does work in various literary and scientific societies and takes courses in hygiene and physical training. During the last two years he specializes in those subjects which he expects to teach and takes certain technical work in the history, psychology, theory, practice, and administration of education.

A short curriculum is given, in several departments, for those whose time allows them only two years of study beyond the high school. It emphasizes certain important essentials of the four years' curriculum, especially the branches to be taught and the technical work.

Teachers living within reach of the College may attend teachers' courses given at convenient hours in the afternoon and on Saturday, and may avail themselves of certain opportunities for original investigation.

Graduation

Students who meet the entrance requirements (see page 10) and who complete satisfactorily the full four years' curriculum which is arranged by the School of Education, will receive the Bachelor's degree (in Education). Those specializing in liberal arts, in religious education, or in commerce and finance, will receive the degree of Bachelor of Arts (in Education); those in manual arts or in music, the degree of Bachelor of Science (in Education). The students' specialty shall consist of a group of three closely associated high school subjects, a major and two minors, generally chosen from a single one of the above named fields, and aggregating at least 48 points. The subject of the graduating thesis shall be an educational topic closely connected with the student's chosen group. A certificate will be furnished showing the exact ground covered by the student in all his college work.

Teachers in service may do work for the degree of A.B., or B.S. (in Education), or for the degree of Master of Arts. Only graduates of the James Millikin University are permitted to study for the Master's degree entirely *in absentia.*

Students completing a short curriculum receive a Certificate in Education and two full years' credit toward the Bachelor's degree in the corresponding department.

Illinois Teachers' Certificates

The courses of study offered to prospective teachers by the School of Education have been arranged in view of the requirements of the School Law of Illinois, which went into effect July 1, 1914. By its provisions, county superintendents of schools are authorized to issue to graduates of a recognized normal, college or university a three years' high school certificate without examination, on the basis of certified credits and faculty recommendations of ability to teach. The credits in question cover work in education, English and six other high school branches. Elementary school certificates may also, under specified conditions, be issued without examination to graduates and to those completing certain shorter courses of study. A certificate issued in one county of the State becomes valid in another county if endorsed by the superintendent of the latter. State certificates, as heretofore, are given only on examination, but graduates of recognized institutions are examined only in certain subjects, principally English and education, with thesis requirement. State certificates are granted only to those who have had successful experience in teaching.

North Central Requirements

Those who finish the full curriculum planned by the School of Education will have to their credit more than the number of semester hours in education required of teachers in the high schools of the North Central Association, according to the regulation effective for new teachers after 1915.

Psychological Clinic

During the year 1915-1916 the School of Education will conduct a clinic for the free examination of retarded and mentally subnormal children. Psycho-clinical and anthropometric methods of testing will be employed. It is hoped that the clinic will be a practical means of community service and also useful in demonstrating to education students certain important methods of mental diagnosis.

Technical Courses in Education

The following courses in education may be elected by all students, and in any order best suiting their needs and convenience. The general student will be interested in Courses 2, 3, and 5. Those expecting to teach should take Courses 2, 5, and 10, choosing others as necessary. Philosophy 1 usually precedes or accompanies these courses. It is well to take Philosophy 1 the first semester and Education 2 the second semester of the Sophomore or Junior year, thus laying a foundation for later courses in education. Courses 29 to 36 are valuable, not only for students specializing in Religious Education, but also for all prospective teachers. Courses with odd numbers are given during the first semester; those with even, during the second.

2. **History of Education**—A general survey of the historical development of educational theories and practices, especially in modern times. German and American school systems receive most attention. These are discussed in close connection with the social, political, religious, and industrial ideals which have determined the two peoples. 4 points.

3. **Educational Classics**—An intensive study of the content and historical setting of certain classics which signalize important movements in the development of educational thought and procedure. Rousseau, Froebel and Spencer are the authors chosen. 2 points. (Not given in 1915-1916).

4. **History of Education**—A general course, embodying the leading features of Courses 2 and 3. Considerable of outside work is arranged. For teachers in Decatur and vicinity. 3, 4 points.

5. **Educational Psychology**—The course reviews the main facts of general psychology and seeks to show their significance to the teacher. From this standpoint it discusses the learning process, attention, interest, play, work, fatigue, and individual differences, and considers briefly the psychological aspect of methods used in teaching certain subjects and of rating and classifying pupils. 3 points.

7. **Educational Psychology**—Similar to Course 5, but arranged with special reference to the needs of teachers now in service. Special problems are discussed and tests and experiments made outside of class. 3 points.

9. **Adolescence**—A brief statement of the more important facts in the mental and physical development of the individual from early adolescence to maturity. 1 point.

10. **Educational Principles**—After a short discussion of the general aim in education and of the agencies employed, the following special topics are considered: the function and organization of the school; the essential principles of the teaching process and of classroom procedure; the methods of testing the results of instruction; the conditions of efficient discipline. Recent literature of interest to teachers. 3 points.

14. **School Hygiene**—Medical inspection of schools; exercise and fatigue; the play ground movement; school architecture and equipment; heating, ventilating, and lighting. 1 point.

15. **The High School**—The rise of the modern high school; its legal status; its relation to the elementary school, the college, the community, and the home: the qualifications of teachers; the principles involved in curriculum building; vocational guidance; the intelligent direction of student activities; the problem of moral training. 3 points.

16. **Educational Administration**—The course discusses the following topics: the organization, legal status and control of school systems, state and municipal; the various social and economic factors determining their growth, development and general efficiency; the appointment, promotion and supervision of teachers; relation of public and private education. 2 points.

17, 18. **Methods in Special Subjects**—See courses listed in English, German, Latin, domestic economy, fine and applied arts, manual training, commerce and finance, and music. Teachers' courses in other subjects may be arranged by application to the department directly concerned. 1, 2 points a semester.

19, 20. **Class Observation and Practice Teaching**—Arrangements have been made with the Academy of the College and with the Public Schools of Decatur whereby students in education have the opportunity to observe the best methods of teaching the subjects in which they are specializing. They make a detailed report of each class period and do collateral reading. In certain cases they also teach, usually under direct supervision. 4 points, either semester.

29, 30. **History and Agencies of Religious Education**—See Bible 29, 30.

31, 32. **Principles and Methods of Religious Education**—See Bible 31, 32.

33, 34. **Problems of Moral and Religious Education**—See Bible 33, 34.

35, 36. **Practice Work in Religious Education**—See Bible 35, 36.

CURRICULA LEADING TO DEGREES AND TO CERTIFICATES

Liberal Arts Curriculum

The full four years' curriculum is planned for those desiring a thorough preparation to teach the cultural subjects in high schools or to do executive work. A broad training is provided in several branches, and yet time is allowed for specialization and for technical courses. The degree given is Bachelor of Arts (in Education).

English Composition and Literature	16 points
Latin, Greek, German, French or Spanish	16 points
History	8 points
Biology	8 points
Mathematics, additional Latin or additional Science	8 points
General Psychology	4 points
Education	20 points
Vocal Expression	2 points
Hygiene	2 points
Physical Training	2 points
Literary and Scientific Societies	2 points
Electives	42 points
Total	130 points

The group of closely related studies in which the student specializes includes a major study of 24 points, and two minors of 16 and 8 points, respectively, chosen from both the prescribed subjects and the electives. An example of such a group would be English, German and modern history. This requirement is made in view of the fact that frequently the high school instructor is asked to teach two or three related subjects, and hence he should have a thorough preparation for teaching one subject and a sufficient training to give instruction in the elements of at least two others within the same general field. The student is strongly advised to elect additional courses in vocal expression and in philosophy.

ARRANGEMENT OF COURSES BY YEARS

Freshman—	Points
English Composition, Eng. 1, 2	4.4
Latin, Greek, German, French or Spanish	4.4
History	4.4
Biology	4.4
Vocal Expression	0.2

Sophomore—	
English Literature, Eng. 3, 4	4.4
The Foreign Language taken in Freshman Year	4.4
Mathematics, Latin or additional Science	4.4
General Psychology. Phil. 1	4.0
History of Education, Ed. 2	0.4
Hygiene	1.1

Junior—	
Educational Psychology, Ed. 5	3.0
*Adolescence, Ed. 9	1.0
Educational Principles, Ed. 10	0.3
*School Hygiene, Ed. 14	0.1
Special Subjects and Electives	10.10

*Educational Electives.

Senior—	
The High School. Ed. 15	3.0
Educational Administration. Ed. 16	0.2
Methods in Special Subjects, Ed. 17, 18	1.0 or 0.1
Class Observation and Practice Teaching, Ed. 19, 20	4.0 or 0.4
Special Subjects and Electives	10.10

The Two Years' Curriculum, leading to a Certificate in Education, concentrates upon a few subjects highly essential to the grade teacher and to the supervisor or teacher of special subjects in elementary and in secondary schools. Those giving special attention to English or to science work will elect an additional high school subject of 8 points.

English	8 points
Laboratory Science	8 points
Subjects to be taught	24 points
General Psychology, Phil. 1	4 points
Educational Psychology, Ed. 5	3 points
Educational Principles, Ed. 10	3 points
School Hygiene, Ed. 14	1 point
Methods in Special Subjects, Ed. 17, 18	1 point
Observation and Practice Teaching, Ed. 19, 20	4 points
Vocal Expression	5 points
Literary and Scientific Societies	1 point
Hygiene and Physical Education	4 points
Total	66 points

Religious Education Curriculum

The curriculum below is recommended for those who propose to prepare themselves for religious leadership. Its purpose is the training of young men and women for salaried positions as directors of religious education, pastor's secretaries and assistants, Sunday School specialists, church visitors, deaconesses, Christian Association secretaries, field workers, missionaries, Bible teachers, and the like. The demand for such trained workers is very strong and is constantly increasing. The vocation is a most inviting one and offers an ever widening sphere of usefulness. The degree of Bachelor of Arts (in Education) in the Department of Religious Education, will be granted to those who complete the course as outlined below.

English	16 points
One Foreign Language	16 points
History	8 points
Biology	16 points
General Psychology, Phil. 1,	4 points
*Education	16 points
Biblical History and Literature	20 points
Religious Education (Bible 29-36)	12 points
Hygiene	2 points
Physical Training	2 points
Literary and Scientific Societies	2 points
Electives	16 points
Total	130 points

*For courses, see liberal arts curriculum, arrangement of courses by years.

It is recommended that the elective points be taken in such courses as sociology, economics, and vocal expression. A very necessary requirement for pastor's assistants and general secretaries is stenography and typewriting, and hence these subjects should be studied before entering college, or else taken as additional subjects during residence.

A Certificate in Religious Education will be granted to those who complete a two-year course as follows:

English	8 points
Biology, 5, 6.	8 points
General Psychology, Phil. 1	4 points
*Education	12 points
Biblical History and Literature	20 points
Religious Education (Bible 29-36)	12 points
Hygiene and Physical Training	2 points
Total	66 points

*For detailed statement of courses required, see liberal arts curriculum.

Commerce-Finance Curriculum

The following work in commerce, finance, and education is designed to meet the requirements of those desiring to teach commercial branches in high schools. The work offered is of strictly college grade and leads to the degree of Bachelor of Arts (in Education). Candidates for graduation shall include in their units for admission one unit in each of the following subjects: bookkeeping, stenography, typewriting, and penmanship. There is at present an urgent demand for college-trained teachers of commercial subjects, and students who finish satisfactorily the course here outlined will be well prepared for work in this promising field.

English	16 points
A Modern Language	16 points
Biology, Physics or Chemistry	8 points
Mathematics, 1, 22	8 points
History	18 points
Economics	4 points
Accounting	10 points
Banking	2 points
Elementary Law	4 points
Commercial Law	4 points
General Psychology, Phil. 1	4 points
*Education	20 points
Electives	10 points
Hygiene	2 points
Physical Training	2 points
Literary and Scientific Societies	2 points
Total	130 points

*For detailed statement of courses required, see liberal arts curriculum, arrangement of courses by years.

The prescribed history comprises courses in U. S. history, financial history, industrial history and constitutional law. The Electives are to be chosen from the following courses, with points as given: foreign commerce, 2; geography of commerce, 4; industries, 2; resources, 2; distribution, 3; transportation, 3; administration, 4; finance, 3.

A Two Years' Curriculum leads to a Certificate in Education. Certain essentials are emphasized and sufficient preparation is given for teaching successfully the elements of various commercial branches.

English	8 points
A Modern Language	8 points
Science	8 points
Commerce and Finance	24 points
General Psychology, Phil. 1	4 points
*Education	12 points
Hygiene and Physical Training	2 points
Total	66 points

*For detailed statement of courses required, see liberal arts curriculum.

Manual Arts Curriculum

The efficient supervisor or special teacher of manual arts must possess both technical skill and broad professional insight. To meet this double need, a curriculum is arranged which allows sufficient time for manual theory and practice, and yet provides for general educational work and for broad cultural training. The teaching of these practical subjects in elementary and high schools offers one of the best opportunities for social service, especially when such teaching is associated with instruction in gymnasium work and general athletics. The work leads to the degree of Bachelor of Science (in Education).

English	8 points
Foreign Language	8 points
Laboratory Science	8 points
Mathematics	8 points
Manual Training	18 points
Carpentry	4 points
Mechanical Drawing	12 points
Designing	4 points
Psychology and Education	20 points
Electives	34 points
Hygiene	2 points
Physical Training	2 points
Literary and Scientific Societies	2 points
Total	130 points

The 18 points in manual training may comprise work in wood only, or in both wood and iron, as may be preferred. Electives recommended are: applied arts, wood carving, motive power, history, vocal expression, biology, physical education and athletics.

The Two Years' Curriculum, which leads to a Certificate in Education, emphasizes the history and principles of manual training, and gives ample opportunity for practice teaching.

Literary-Music Curriculum

Students who take Literary-Music studies with a view to teaching after graduation should avail themselves of the facilities afforded by the School of Education. The full course as outlined below leads to the degree of Bachelor of Science (in Education), with music and literary studies as major and minor subjects.

English 1, 2, 3, 4	16 points
German, French	24 points
History	8 points
Biology	8 points
Mathematics, or additional Science	8 points
Music	32 points
General Psychology	4 points
*Education	20 points
Hygiene	2 points
Physical Training	2 points
Literary and Scientific Societies	2 points
Electives	4 points
Total	130 points

The Two Years' Curriculum, leading to a Certificate in Education, includes work as follows:

English	8 points
German, French	16 points
Music	24 points
General Psychology	4 points
*Education	12 points
Hygiene and Physical Training	2 points
Total	66 points

*For detailed statement of courses required, see liberal arts curriculum.

Art Education Curriculum

(See School of Fine and Applied Arts)

MANUAL TRAINING

LORELL M. COLE, *Professor.*

HENRY A. BOHL, *Instructor.*

Students entering the courses here provided for teachers and supervisors must give evidence of having completed preparatory work equivalent to that of a four years' high school course. However, a certain amount of technical training or experience may be accepted as part of the requirements.

Those who complete two years of approved manual training and two years of regular college work, will be given the degree of Bachelor of Science in Manual Training. The college subjects must include at least one year of a foreign language, one year of English, one semester of descriptive geometry, one semester of applied mathematics, one year of laboratory science, one semester of advanced education, and one semester of the history of industries.

A two-year teachers' certificate course in manual training is offered to candidates who satisfy the regular college entrance requirements, and who in addition present with the following two-year special manual training course, at least one year of approved teaching experience or administrative work, or another year of college work.

The special certificate attesting completion of the two-years' course in manual training will be issued to any student who finishes the work as outlined below:

First Year—	Hours	Points
English, 1, 2		4.4
Manual Training, 3		
Manual Training, 9, 10	(4)	2.2
Mechanical Drawing, 15, 16	(6)	3.3
Carpentry, 21, 22	(4)	2.2
Wood Turning, 5, 6	(4)	2.2
Applied Arts, 3, 4	(4)	2.2
Applied Arts, 1, 2	(4)	2.2
Design	(4)	2.2
Wood Carving, 4		2.
Manual Training, 2		.2

Second Year—	Hours	Points
Education, 5, 9		4.
History of Education, 2		.4
Manual Training, 1, 4	(4)	2.2
Manual Training, 11, 12	(4)	2.2
Pattern and Foundry, 7, 8	(4)	2.2
Mech. Drawing, 17, 18	(6)	3.3
Forging, 13, 14	(4)	2.2
Machine Shop and Motive Power, 19, 20	(4)	2.2
Practice Teaching		

Description of Courses

1, 2. Theory and Principles of Teaching Manual Training; History of Manual Training—Prerequisites, Manual Training 9-12. About two-thirds of the time assigned to this course will be devoted to the study, investigation and discussion of manual training problems, and one-third of the time to History of Manual Training. Some of the topics considered will be: the place of manual training as a factor in mental development; the industrial phase of manual training; relation of art to manual training; history of the manual training movement; Sloyd and Russian systems; art and manual training; relation to the child; method of presentation in the class room; value of various processes in the different grades. 4 points a semester.

3. Manual Training for Primary Grades—This course will involve a study of the processes suitable for handwork in the lower grades of the elementary school, and practice in manipulating materials. It will include paper construction, cardboard work, and knife work. 2 points.

4. Organization, Equipment and Supplies—Problems concerning the organization and equipment of manual training schools will be considered and existing practice investigated; cost of equipment, supplies and maintenance; design of apparatus, fixtures, etc. 2 points.

5, 6. Wood Turning—2 points a semester.

7, 8. Pattern and Foundry Work—See School of Engineering. 2 points a semester.

9, 10. Elementary Woodworking—Instruction in the use of simple bench tools and in the construction of articles suitable for manual training in the higher grades of the elementary school. 4 points a semester.

11. Mill Work—A study of the constructive principles and varieties of woodworking machines. Much practical experience is provided in this course. 2 points.

12. Advanced Benchwork and Cabinet Making—2 points.

21, 22. Carpentry—House construction, window and door framing, inside finish, rafters, stairs. 2 points a semester.

Note—A year of more advanced shop work and mechanical drawing is offered to those desiring to specialize along industrial lines. In forging, mechanical drawing, pattern-making and machine-shop practice, comprehensive courses are given that fully cover the theory and practice in each subject. Each course is given with special reference to the pedagogical principles involved. In connection with the course in machine-shop practice, practical instruction is given in operating electric motors and steam and gas engines.

THE SCHOOL OF COMMERCE AND FINANCE

The Faculty

GEORGE E. FELLOWS, Ph.D., LL.D., *President.*

W. WILBERFORCE SMITH, A.M., LL.D., *Professor of Economics.*

ROY E. CURTIS, Ph.D., *Associate Professor of Commerce and Finance.*

ARTHUR B. CROSIER, *Instructor in Commercial Courses.*

ALBERT T. MILLS, A.M., LL.B., *Professor, History and Political Science.*

ROBERT J. KELLOGG, A.M., Ph.D., *Professor of Modern Languages.* (On leave of absence).

THOMAS W. GALLOWAY, A.M., Ph.D., *Professor of Biology.*

GRACE PATTEN CONANT, Litt.D., *Professor of English.*

JOHN C. HESSLER, Ph.D., *Professor of Chemistry.*

WALTER J. RISLEY, A.M., *Professor of Mathematics.*

JOHN E. ROUSE, Ph.D., *Professor of Philosophy and Education.*

HAROLD R. PHALEN, B.S., *Instructor in Mathematics and Physics.*

The requirements for admission to the School of Commerce and Finance are stated on page 9 of this Bulletin. Students who do not offer bookkeeping for admission may take introductory work in this subject during the Freshman year in regular Academy class. It is prerequisite for Accountancy, in Sophomore year.

The increasing magnitude and complexity of commercial and industrial enterprises render it expedient that those who aspire to any large measure of business success obtain, as do professional men, an education planned with reference to their vocation. They should lay a good foundation for the special knowledge which proficiency in a particular calling requires and for sound opinion upon public affairs. The paramount influence of the successful business man upon the moral tone and material welfare of the community makes it of high social importance that he be more than an expert money maker. Cultivation of an intelligent and appreciative regard for the interests and activities of his fellow men is conducive both to his happiness and his usefulness.

The distinctive studies of the course, because of their obvious utility and their close relation to current events, strongly appeal to young men; none the less, they are intended and are found to be effective for culture, developing mental efficiency, sane judgment, and large outlook upon life. They may be commended to those who expect to become lawyers, bankers, farmers, journalists, manufacturers, merchants, and to those who have not yet chosen their vocation but seek the discipline of liberal education together with knowledge most likely to prove of value in their future work.

Members of the School participate freely in all the general literary and social organizations of the College.

The course leads to the degree of Bachelor of Science in Commerce and Finance. For certain of the studies listed below, electives may be substituted from a large number of courses given in other departments of the College, such substitutions being in every case subject to approval by the head of the School. Electives frequently chosen are: mathematics, Bible study, public speaking, argumentation, mechanical drawing, additional science, history, modern language, or English literature.

There is an active demand for college trained teachers of commercial subjects in high schools. Students preparing for this work may take, as electives, the professional courses requisite for state and county certificates, in the School of Education. (See Announcement of these courses, and requirements for the degree of A.B. with educational subjects, page 40.)

A special course, also, for commercial teaching in high schools, is provided, which may be completed, and a certificate obtained, in two years. Manual Training, or Physical Training, may be combined with courses in Commerce and Finance.

The subjects usual in commercial high schools and business colleges are taught in the Academy, and college students have the privilege of taking advanced bookkeeping, stenography, typewriting, and penmanship, without extra charge and without college credit. This opportunity is especially valuable to those who expect to enter employment demanding clerical skill, and may not complete the college course. Those who wish to study music find every advantage in the Conservatory.

Summary of Courses

Freshman—	Hours	Points
English, 1, 2		4.4
Chemistry, 1, 2, Physics or Biology.....(6)	(6)	4.4
Geography of Commerce		4.0
Industrial History, History, 2, a, b		0.4
*German, 3, 4. French or Spanish		4.4

Sophomore—	Hours	Points
Accounting, 3, 4		3.3
Economics, 5, a, b		4.2
Money and Banking, 6		0.2
Industries and Resources of U. S., 7, 8		2.2
History, 3, 4		4.4
*German, 5, 6. French or Spanish		3.3

Junior—	Hours	Points
English Literature, 3, 4		4.4
Elementary and Commercial Law, 9, 10		4.4
Distribution and Transportation, 11, 12		3.3
Psychology and Philosophy		4.4
Accountancy, 15, 16		2.2

Senior—	Hours	Points
Constitutional Law, History, 7		3.0
International Law, History, 8		0.2
Finance, 13, 14		3.3
Foreign Commerce, 18		0.2
Administration, 17		4.0
Economic Problems, 19		1.1
U. S. Financial History, 21		0.3
Thesis, 25, 26		2.2
Sociology, 27, 28		2.2

*Note—Students entering without preparation for advanced work in modern language will take courses 1, 2. Five hours a week, the first year, and courses 3, 4, the second year.

Description of Courses

The distinctive courses of the School of Commerce and Finance are twenty-six. The general College catalog may be consulted for description of the prescribed courses in English, Foreign Languages, History, Chemistry, Philosophy. First semester courses bear odd numbers, and second semester courses even numbers.

Commerce

1. **Geography of Commerce**—A study of material resources and their availability, industries and the natural causes of their development; diversities of soil, climate, mineral deposits, and of racial character, as the basis of commerce. 4 points. Freshmen.

7, 8. **Industries and Resources of the United States**—A study of the iron, textile and other selected industries, their materials, processes, products, history of their development. 2 points a semester. Sophomores.

11. **Distribution**—The manufacturer's and farmer's problem of marketing products, advertising and sales systems, produce markets, middlemen, etc. 3 points. Juniors.

12. **Transportation**—Economic significance of modern development, organization and combination of railway systems, problems of traffic and rate-making, legislative control, inland navigation and coastwise commerce of the United States. 3 points. Juniors.

18. **Foreign Commerce**—Volume and character of imports and exports, govermental regulations, consular service, commercial methods and requirements of foreign nations, recent and prospective developments. 2 points. Seniors.

20. **Systems and Methods of Teaching**—Penmanship, stenography, typewriting and bookkeeping; for those intending to teach commercial subjects. 1 point. Elective after Freshman year.

Finance

3, 4. **Accountancy**—Science of constructing systematic records of business transactions; critical examination of the typical factors in capital and revenue accounts; forms of record and statement used in different enterprises; with illustrative problems and practice. Bookkeeping, a prerequisite. 3 points a semester. Sophomores.

6. **Money and Banking**—Form and functions of currency and credit, state and federal laws, foreign monetary and banking systems compared with those of the United States, fluctuations in the money market, reserves, note issue, the clearing house. 2 points. Sophomores.

13. **Finance, Private and Corporate**—Investments, problems of capitalization, promotion and financing of construction and operation; combinations and reorganizations. 3 points. Seniors.

14. **Public Finance**—Govermental revenue and expenditures, principles of taxation, customs, excises, municipal bonds, and sinking funds; public domain. 3 points. Seniors.

15, 16. **Advanced Accountancy**—Theory, law, and practice as to various reserves, special funds, fiduciary accounts, adjustments, and municipal accounting; purpose and fundamentals of cost accounting; auditing of accounts; with problems and practice. 2 points a semester. Juniors.

17. **Administration**—Organization and management of industrial and mercantile establishments; distribution of function and control. Civic Business: Records, publicity, ownership and operation of public service systems. 4 points. Seniors.

21. **Financial and Tariff History of the United States**—Legislation, and experience with respect to currency, banking, debt, income, expenditure, also a history of the tariff policies of the United States. 3 points. Seniors.

Social Science

5 a, b. **Economics**—A general study of the fundamental doctrines of political economy regarding the origin and nature of public and private wealth, land tenure, rents, money, credit, wages, organizations of capital and of labor, markets, insurance, taxes, public utilities, etc. 6 points. Sophomores.

9. **Elementary Law**—The fundamental principles of American jurisprudence; outline and elements of statutory and common law and equity. 4 points. Juniors.

10. **Commercial Law**—Contracts, bills and notes, bailments, agency, partnership, personal and real property, insurance, lease, etc. 4 points. Juniors.

Constitutional Law—See History 7.

International Law—See History 8.

19. **Economic and Social Problems**—A study of current questions, such as control of corporations, elastic currency, trades unions, municipal reforms, indeterminate sentence, one or more of which may be chosen for special investigation. 2 points. Seniors.

25, 26. **Thesis**—The subject must be chosen before November first of the Senior year, and approved by the head of the School. The thesis must be completed, in typewritten form, and placed in the hands of the advisory teacher by the first day of May. It is expected to embody results of original investigation in the line of the student's future occupation. 2 points a semester. Seniors.

27, 28. **Sociology**—A study of social forces, laws, groupings, achievements, and of the population of the United States, its elements, growth and social characteristics. 2 points a semester. Seniors.

THE SCHOOL OF DOMESTIC ECONOMY

The Faculty

GEORGE EMORY FELLOWS, Ph.D., L.H.D., LL.D., *President.*

MABEL DUNLAP, B.S., *Professor of Domestic Art.*

EDNA L. SKINNER, B.S., *Professor of Domestic Science.*

OPAL RIDDLE, B.S., *Instructor in Domestic Art.*

BESSIE A. BISHOP, B.S., *Instructor in Domestic Science.*

THOMAS W. GALLOWAY, Ph.D., *Professor of Biology.*

ROBERT J. KELLOGG, Ph.D., *Professor of Modern Languages.* (On leave of absence).

ALBERT T. MILLS, LL.B., A.M., *Professor of History and Political Science.*

GRACE PATTEN CONANT, Litt.D., *Professor of English.*

JOHN C. HESSLER, Ph.D., *Professor of Chemistry.*

WILLIAM M. HEKKING, B.P., *Professor of Theory and Practice of Art.*

JOHN E. ROUSE, Ph.D., *Professor of Philosophy and Education.*

HAROLD R. PHALEN, B.S., *Instructor in Mathematics and Physics.*

The courses offered by the School of Domestic Economy are designed to serve two purposes. The first is to offer a four-year course to those who wish to specialize in domestic economy. This course leads to the degree of Bachelor of Science in Domestic Economy. The second is to offer elective courses which are advised and available as part of the general education of all the young women of the College. For this purpose a certain number of courses are offered having no prerequisites in science.

Domestic Economy includes two specific lines of investigation and practice in the household arts.

(1.) Domestic Science, which embraces a variety of problems involved in the construction and equipment of the house, in the selection, preparation, preservation and economic uses of foods; in dietetics; in personal and public hygiene; in home nursing and in household administration; complementary courses in chemistry and physiology.

(2.) Domestic Art, which includes the various problems involved in the selection of materials for garments of all kinds and for the proper artistic furnishing of the home; the processes by which they are produced and prepared; economy in purchasing and using the same; the attainment of skill in sewing, cutting, fitting, and designing garments; the application of artistic principles in millinery; a historical and practical study of textiles and of spinning and weaving and household decoration; complementary courses in fine and applied arts.

Methods of Teaching Domestic Science and Domestic Art, which includes practice teaching, is made a special feature of these courses. The past year there has been opportunity for practice teaching in the Public Schools of Decatur. This arrangement will probably be continued indefinitely.

Course Required for the Degree of B.S., in Domestic Economy

Students in this course may major either in Domestic Science or Domestic Art. Certain subjects are required in both as follows:

Modern Languages	16 points*	
English Literature and Composition	16 points	
Education	8 points	
Psychology	4 points	
Hygiene	2 points	
Physical Training	2 points	
Literary and Scientific Societies	2 points	
		50 points

*Or equivalent of two years in one language.

In addition those majoring in Domestic Science are required to take—

Laboratory Science	24 points	
Domestic Economy Subjects	42 points	
History	4 points	
Applied Arts	4 points	
Biology	4 points	
Electives	2 points	
		80 points
		130 points

In addition, those majoring in Domestic Art are required to take—

Laboratory Science	16 points	
Domestic Economy	44 points	
History	4 points	
Fine and Applied Arts	10 points	
Biology	4 points	
Electives	2 points	
		80 points
		130 points

Summary, Four-Year Course, Domestic Science

Freshman—	Hours		Points
English, 1, 2			4.4
French or German			
Chemistry, 1, 2			4.4
Domestic Science, 3, 4	(5)	(5)	3.3
Domestic Art, 1, 2	(4)	(4)	2.2

Sophomore—	Hours		Points
English, 3, 4			4.4
French or German			
Chemistry, 5, 6	(6)	(6)	4.4
Applied Arts, 9, 10	(4)	(4)	2.2
Domestic Science, 5, 6	(5)	(5)	3.3

Junior—	Hours		Points
Psychology			4.0
History			0.4
**Biology, C. D.	(6)	(6)	4.4
Domestic Economy, 1, 2			2.2
Domestic Science, 7, 8	(4)	(4)	2.2
Domestic Art, 3, 4	(5)	(5)	3.3

**If the student has completed Biology in the Academy, it will be an equivalent for the work in the Junior year, in which case the student will elect eight points from subjects not already in this course.

Senior—	Points
Education	4.4
Biology, 5	4.0
Domestic Economy, 19, 20	
Domestic Economy, 17.	2.0
Domestic Economy, 15, 16	2.2
Domestic Science, 18.	0.2
Domestic Science, 9, 10.	2.2

Students majoring in Domestic Science are advised to elect from the following:

Domestic Art, 5, 6.
Domestic Art, 11, 12.
Domestic Art, 13, 14.
Domestic Art, 17, 18.
Sociology.
English, 9, 10.
English, 11, 12.
Applied Arts, 1, 2.
Applied Arts, 3, 4.
Fine Arts, 19, 20.
Bible Study.
Biology, 6.

Summary, Four-Year Course, Domestic Art

Freshman—	Hours		Points
English, 1, 2.			4.4
French, 1, 2 or German, 1, 2			
Chemistry, 1, 2*.	(6)	(6)	4.4
Domestic Science, 3, 4.	(5)	(5)	3.3
Domestic Art, 1, 2.	(4)	(4)	2.2

*Elective on approval.

Sophomore—	Hours		Points
English, 3, 4.			4.4
French, 3, 4 or German, 3, 4			
Domestic Art, 3, 4.	(5)	(5)	3.3
Domestic Art, 11, 12.	(2)	(2)	1.1
Domestic Art, 17, 18			2.2
Applied Art, 9, 10.	(4)	(4)	2.2

Junior—	Hours		Points
Psychology			4.0
History			0.4
**Biology, C. D.	(6)	(6)	4.4
Domestic Economy, 1, 2.			2.2
Domestic Art, 5, 6.	(5)	(5)	3.3
Domestic Science, 5, 6.	(5)	(5)	3.3
Applied Art, 1, 2.	(4)	(4)	2.2

**If the student has completed Biology in the Academy, she will be permitted to elect eight points instead from subjects not already in this summary.

Senior—	Points
Education	4.4
Biology, 5.	4.0
Domestic Economy, 19, 20	
Domestic Economy, 17.	2.0
Domestic Economy, 15, 16	2.2
Domestic Science, 18.	0.2
Fine Arts, 19, 20.	1.1

Students choosing Domestic Art as their major are advised to elect from the following:

Domestic Art, 13, 14.
Fine Arts, 21, 22.
Manual Training, 9, 10.
Applied Art, 3, 4.
English, 9, 10.
English, 11, 12.
Biology, 6.
Chemistry, 1, 2.
Bible, 1, 2.

DESCRIPTION OF COURSES

In the following descriptions of courses distinctive of the School of Domestic Economy, it should be noted that first semester courses bear odd numbers and second semester courses even.

Domestic Economy

1. House Structure, Sanitation, and Cost—This course includes the following topics: Evolution of homes, situation, plan, construction, drainage, water supply, heating, lighting, ventilation. Open to all college students. Lectures, class and reference work. 2 points.

2. House Furnishing—This course includes the study of artistic house furnishing as applied to floors, woodwork, ceilings, and walls; study of carpets, draperies, furniture and other household furnishings from their artistic and economic values. Continuation of Domestic Economy, 1. 2 points.

15, 16. Theory and Practice of Teaching Domestic Science and Art—This course is designed to present methods of teaching domestic economy in schools of all grades. It includes a consideration of courses of study; school curriculum, equipment and cost of maintenance; planning and presentation of lessons to classes. (Hours for extra work arranged). Open to Seniors in domestic economy. Lectures, class work and practice teaching. 2 points a semester.

17. Household Administration—This course deals with the evolution of family and home; present social value of home; organization of household; expenditure of income; care of house and family; systematic methods of housekeeping. Recommended to Juniors and Seniors. Parallel course, sociology; lectures, collateral reading. 2 points.

19, 20. Domestic Economy—Graduation Thesis. Hours to be arranged.

Domestic Science

3, 4. Cookery of Foods—This course includes a study of the classification, selection and preparation of food; changes effected by heat and cold upon different foods according to their composition. Lectures and laboratory work. Open to all college students. 3 points a semester.

5, 6. Experimental Cookery—This course includes a study of the production, manufacture, preservation and economic uses of foods, including adulterants and substitutes. Attention is given to the study of recipes, and the comparative cost of the materials involved with special stress on weights and measures, and the use of the thermometer in processes of cookery. Lectures and laboratory work.

Prerequisites—Domestic Science, 3, 4; Chemistry, 1, 2. Parallel Courses—Chemistry, 5, 6; Biology, C. D. 3 points a semester.

7, **8. Preparation of Meals and Table Service**—This course includes the study, planning and cooking of breakfasts, luncheons, dinners and suppers. also various methods of garnishing and serving with special regard to limitations of cost. This course will offer opportunity for demonstration cookery.

Prerequisites—Domestic Science, 3, 4; Domestic Science, 5, 6; Chemistry, 1, 2; Chemistry, 5, 6. 2 points a semester.

9, **10. Dietetics**—This course aims to present the fundamental principles of human nutrition, and to teach their application under varying conditions of health and disease. Typical dietaries are planned to satisfy various requirements in families.

Prerequisites—Domestic Science, 3, 4; Domestic Science, 5, 6; Domestic Science, 7, 8; Chemistry, 1, 2; Chemistry, 5, 6. 2 points a semester.

18. Home Nursing—This course includes a study of the care of the family health; simple diseases and their prevention; the care of young children and invalids; invalid dietaries; first aid to the injured. It is recommended that Biology, 5, 6 be pursued as a parallel course. Open to all advanced students. 2 points.

Domestic Art

1, **2. Plain Sewing**—This course includes practice in hand and machine sewing; application of stitches to under-garments and simple dresses; study and use of commercial patterns; knitting; crocheting, darning and simple embroidery; discussion of materials as to cost, widths, suitability and comparative wearing quality. Students provide their own material subject to the approval of the instructor. Open to all college students. 2 points a semester.

3, **4. Dressmaking**—This course includes the making of unlined dresses in silk and wool suitable for school and afternoon wear; the discussion of materials as to cost, widths, required amounts, suitability and comparative wearing qualities; drafting, cutting and fitting of patterns; drafting, cutting and making of tailored shirt waists. Students provide their own materials subject to the approval of instructor. Lectures and laboratory work.

Prerequisites—Domestic Art, 1, 2. Parallel courses Applied Art, 1, 2 and Domestic Art 11, 12. 3 points a semester.

5, **6. Advanced Dressmaking and Tailoring**—This course continues the work of Domestic Art 3, 4 and deals with the more complicated problems of dressmaking and tailoring.

Prerequisites—Domestic Art 1, 2; Domestic Art 3, 4; Parallel Courses—Domestic Atr 17, 18. 2 points a semester.

11, **12. Millinery**—This course includes practice in making frames from buckram, willow and wire; covering with velvet, net and straw; lining and finishing; pressing and renovating velvet and ribbons. Students furnish their own material subject to the approval of the instructor.

Prerequisites—Domestic Art 1, 2. 2 points a semester.

13, **14. Fine Needlework**—This course includes the making of French embroidery suitable for lingerie, dress and household linens; shadow embroidery; Irish crochet; tatting, knitting, cross-stitch and Swedish weaving; French knots, rickrack, Munich embroidery and cut-work. Elective to students having a knowledge of plain sewing with some skill in neddlework. Students furnish their own material. No laboratory fee with this course. 1 point a semester.

17, **18. Textiles**—This course includes the study of the primitive forms of textile industries and the development of these into the present methods of spinning, carding and weaving; the growth, manufacture and finishing processes of cotton, wool, silk and linen; the testing of fabrics for adulterants. Students are given opportunity for practical work on looms in weaving of rugs, table-runners and towels. 2 points a semester.

21, **22. Woman's Relation to the Social Field**—The aim of this course is to give students a better appreciation of their relation to the general problems of women in the social and industrial world. The class work consists of the discussion of sweatshop labor; leagues for social betterment, as Consumers', Housewives' and Municipal League; child labor; minimum wage; bargains; ethics of shopping, etc. The course is elective and open to all women students of the University. 1 point a semester.

23, **24. Textile Art Appreciation**—This course is planned to meet the needs of those students who desire a higher appreciation of the textile arts as represented in lace, tapestry and oriental rugs. The work consists of the study and discussion of these as to origin, growth and decline. Recommended to Juniors and Seniors. 1 point a semester.

Special Teachers' Certificate Courses

A two-year teacher's certificate course in Domestic Art or Domestic Science is offered under the following conditions:

1. The candidate must present the regular college entrance requirements, and,

2. One or more years of experience in teaching or administrative work of such character as may be approved by the College.

A three-year teachers' certificate course including the first two years' regular work and thirty-two hours additional designated work from the Junior and Senior college courses is offered.

Special Certificates

Students who register for the Special Teachers' Certificate Courses may major in either Domestic Science or Domestic Art. Certain subjects are required in both as follows:

English	8 points	
Education	8 points	
Hygiene	2 points	
		18 points

In addition those majoring in Domestic Science are required to take—

Domestic Economy Subjects	38 points	
Chemistry	8 points	
Electives	2 points	
		48 points
		66 points

In addition, those majoring in Domestic Art are required to take—

Domestic Economy Subjects	38 points	
Psychology	4 points	
History	4 points	
Electives	2 points	
		48 points
		66 points

SUMMARY, SPECIAL CERTIFICATE COURSES

Domestic Science

First Year—	Hours	Points
English 1, 2		4.4
Chemistry 1, 2	(6) (6)	4.4
Domestic Science 3, 4	(5) (5)	3.3
Domestic Art 1,2	(4) (4)	2.2
Domestic Economy 1, 2		2.2

Second Year—	Hours	Points
Domestic Science 5, 6	(5) (5)	3.3
Domestic Science 9, 10		2.2
Domestic Science 18		0.2
Domestic Art 3, 4	(5) (5)	3.3
Domestic Economy 15, 16		2.2
Domestic Economy 17		2.0
Education		4.4

Domestic Art

First Year—	Hours	Points
English 1, 2		4.4
Psychology		4.0
History		0.4
Domestic Art 1, 2	(4) (4)	2.2
Domestic Science 3, 4	(5) (5)	3.3
Domestic Economy 1, 2		2.2

Second Year—	Hours	Points
Domestic Art 3, 4	(5) (5)	3.3
Domestic Art 17, 18		2.2
Domestic Science 5, 6	(5) (5)	3.3
Domestic Science 18		0.2
Domestic Economy 17		2.0
Domestic Economy 15, 16		2.2
Education		4.4

THE SCHOOL OF FINE AND APPLIED ARTS

The Faculty

George Emory Fellows, Ph.D., LL.D., *President.*

William M. Hekking, B.P., *Professor of the Theory and Practice of Art.*

Elizabeth W. Putnam, *Instructor in Design and the Theory and Practice of Fine and Applied Art.*

Della F. Wilson, B.S., in F. and A.A., *Instructor in the Theory and Practice of Applied Art.*

Isabella T. Machan, A.M., *Professor of Latin and Greek, and Lecturer in History of Sculpture.*

John E. Rouse, Ph.D., *Professor of Philosophy and Education.*

Thomas W. Galloway, Ph.D., *Professor of Biology.*

Grace Patten Conant, Litt.D., *Professor of English.*

Robert J. Kellogg, Ph.D., *Professor of Modern Languages.* (On leave of absence).

Lorell M. Cole, *Professor of Manual Training.*

Davida McCaslin, A.M., *Associate Professor of English.*

Bonnie R. Blackburn, A.B., *Assistant Professor of Romance Languages.*

Organization and Purpose

This school aims to conduct its various departments so that its students may obtain not only a technical training, but also may have the advantage of a liberal education. While the individual courses throughout undertake the problems in theory, practice and history, it is the constant endeavor of this school to hold up the ideals that have given art a place in human life for all time.

It is with these purposes in mind that the school offers its seven large studios and work-shops for the study of art, in preparation for practical work as artists, illustrators or craftsmen, or as teachers in normal and high schools.

Admission

Candidates for admission to courses leading to degrees and certificates must offer the admission subjects required by the School of Liberal Arts and in addition approved credits in drawing as follows: Design, one unit; perspective, one-half unit, and mechanical drawing, one-half unit.

Degrees and Certificates

The school offers regular courses leading to the degree of Bachelor of Arts (in Art Education), covering a period of four years' study. The major may be chosen in either fine or applied arts. Students who find it impossible to pursue the work required for a degree may choose a shorter course leading to a certificate. This course covers three years' study. Students who come exceptionally well prepared or who offer teaching experience, may complete this course in two years, on the approval of the faculty. Students not seeking college credit may enter certain classes of the school at any time if approved by the director.

SUMMARY OF COURSES

Leading to Degree:

School of Liberal Arts—	
History	8 points
English	8 points
Biology	8 points
	24 points
School of Education—	
History of Education, Ed. 2	4 points
Educational Psychology, Ed. 5	3 points
Adolescence, Ed. 9	1 point
Educational Principles, Ed. 10	3 points
School Hygiene, Ed. 14	1 point
Normal Art, and Practice Ed. 17, 18, 19, 20	8 points
	20 points
School of F. A. and A. A.—	
With Fine Arts as a Major.	
Structural Drawing	10 points
Design	6 points
Linear Perspective	1 point
Pictorial Composition	4 points
Anatomy	2 points
Clay Modeling	8 points
Water Color	4 points
Art Appreciation	2 points
Structural Painting	14 points
Mechanical Drawing	6 points
Art Histories	6 points
Aesthetics	1 point
Thesis	4 points
	68 points
Hygiene	2 points
Physical Training	2 points
Literary and Scientific Societies	2 points
*Elective Minor Study (any School)	12 points
Total	130 points

*These points must be of consecutive or related character.

A student specializes either in fine arts or in applied arts, but he may choose the electives from the one other than that in which he specializes, or he may choose them from any of the other schools of the College, provided the courses be related to his specialty and form as a whole a minor specialty. This arrangement is made owing to the fact that a student may wish to teach other studies along with his main subject. These latter would most naturally be of a practical character, such as manual training, domestic economy or music, but liberal arts branches would also be found useful.

The above degree with Applied Arts as a major:

*Applied Art	22 points
Design	9 points
Structural Drawing	10 points
Mechanical Drawing	6 points
Art History Drawing	6 points
Water Color Drawing	4 points
Perspective Drawing	1 point
Art Appreciation	2 points
Clay Modeling	4 points
Thesis	4 points
	68 points

*8 points must be in Pottery.

Summary of Courses leading to certificate:

Fine or Applied Arts	56 points
Education	20 points
English	12 points
Hygiene and Physical Training	3 points
Literary Society	1 point
	92 points

Fine Arts

Studio Practice

1, 2. Antique Drawing—It is essential that the student acquire a thorough knowledge of the underlying principles that govern intelligent draftsmanship. With this aim in view, the drawing from casts offers a logical introduction to the succeeding courses. 4 hours a week. 2 points a semester. Freshmen. Prerequisite, F. A. B., or its equivalent.

1a, 2a. Construction—The problem of tone values is introduced. The figure is substituted for the antique. 4 hours a week. 2 points a semester. Freshmen.

3, 4. Painting in Oils and Water-Colors—The aim of this course is to familiarize the student with the laws of color and harmony. Still-life is used. In season this work is carried on out of doors, in the study of landscape. 4 hours a week. 2 points a semester. Freshmen, Sophomores and Juniors.

5, 6. Mural Composition—This course aims to make a careful, methodical study of the laws governing the balance and composition of line, color and massing in a picture. To stimulate imagination the student is required to make studies for original decorative murals and other compositions. The advanced students are permitted to carry on their sketches for a thesis. The size is limited to 3 x 10 ft. 4 hours a week. 2 points a semester. Juniors and Seniors.

7, 8. Drawing from Life—Recognizing the importance of the human figure in art, a thorough study of the construction of the figure is here insisted upon. The valued methods used in the French schools are carried out as closely as is practical. 4 hours a week. 2 points a semester. Juniors and Seniors.

9, 10. Portraiture—The aim of this course is to give the student a thorough knowledge of the construction of the head. Models are used daily and emphasis is placed on the value of an intimate knowledge of artistic anatomy, a prerequisite and a parallel course. The advanced students are permitted to use varied mediums. 8 hours a week. 4 points a semester. Sophomores, Juniors or Seniors.

9a, 10a. Illustration—This course aims to meet the present demand for competent practical designers and commercial illustrators. The course includes lettering, catalog creating and arranging; designing of covers, head and tail pieces, etc. The accent is continually placed on unique and original ideas. All practical problems are studied and analyzed. This course will only be open to students who have shown by their work in the preceding courses, or their equivalent, that they are sufficiently prepared. 4 hours a week. 2 points a semester.

11, 12. Clay Modeling—This course aims to meet the requirements for normal work. It is an excellent elementary course for those students who wish to continue the fine arts work in the direction of sculpture. Castings from the chip and piece mould are made of the best problems. 4 hours a week. 2 points a semester. Sophomores.

13, 14. Advanced Modeling—This course is designed to prepare the student thoroughly for serious work in sculpture and practical decorative modeling. It is also aimed to give the normal student a better grasp of the subject. Daily models are used and original compositions developed. 4 hours a week. 2 points a semester. Juniors and Seniors and advanced Specials.

History and Theory

15, 16. Artistic Anatomy—Dealing with the bones and muscles of the body, illustrated with analytical sketches and lectures. A parallel required course to F. A. 1, 2, and of the utmost value to the life class student and in illustration work. Upon completing this course the student will be expected to be able to draw the human figure from memory, illustrate and explain the salient points. 1 hour a week. 1 point a semester. Freshmen and Sophomores.

17. Linear Perspective—A scientific study of the principles governing mechanical and freehand. 1 hour a week. 1 point a semester.

19, 20. Art Appreciation—A course leading to the understanding and appreciation of the artist's motives and methods, and to an intelligent analysis of the world's greatest masterpieces in art. Intended as an introduction to the study of aesthetics. 1 hour a week. 1 point a semester. Open to all students of the college.

21, 22. History of Painting—This course will be given by means of lectures, recitations and collateral reading and is intended to lead to an intimate knowledge of the best examples of painting. 1 hour a week. 1 point a semester. Sophomores, Juniors, or Seniors.

23, 24. **History of Sculpture**—A comparative study of the best examples of Greek and Roman sculpture. 1 hour a week. 1 point a semester. (Omitted 1915-1916)

25, 26. **History of Architecture**—A study of the different schools of Architecture, with a careful analysis of the different styles of ornamentation. 2 hours a week. 2 points a semester. Seniors.

27, 28. **Theory and Practice of Teaching Art**—Treating of art as a factor in the public school education, planning a course of study for the elementary and secondary schools, presentation in the class room, practice in teaching under observation. Open to Art Seniors. Two hours a week. 3 points a semester. (Omitted 1915-1916).

29. **Thesis**—Written thesis to be along the line of original research on some topic in art or design.

30. **Thesis**—The Fine Arts practical thesis must be in clay or in oil painting. The Applied Arts practical thesis must be in pottery, copper or silver. Subjects must be approved by the Director. 8 hours a week. 4 points.

Applied Arts

Studio Practice and Theory

1, 2. **History and Craft of the Potter**—This course takes up clay as a useful and versatile medium for artistic expression. A short introductory course of lectures briefly outlines the history of pottery, its wide field for decorative interpretation and the successful results obtained by western and eastern artists. Students begin, by hand building and moulding, simple problems which take up the technical difficulties involved. Throwing, surface decorations by various methods, and finally firing and glazing are studied. Students are given an opportunity to get a practical knowledge of the loading and firing of a pottery kiln. The preparation of glazes is studied. During the last five weeks of the second semester the principles of basket weaving are introduced. This work frequently lends itself to unique combinations with the pottery. It gives the class an opportunity to complete the firing of their clay studies. Prerequisite, A.A., 9, 10. 4 hours a week. 2 points a semester.

3, 4. **Craft of the Coppersmith**—The problems assigned in this course involve the difficulties encountered in the use of copper as a medium of expression. Filing, piercing, hard and soft soldering, riveting and beating are studied in their order. Students also learn to make some of their elementary tools. As they advance, champleve enamel is introduced to enrich the surface decoration. The course continues in repousseé and fine chasing. Students later apply their experience to more elaborate problems which have a distinctly commercial value. Prerequisites, A.A., 1, 2.—17, 18. 4 hours a week. 2 points a semester. Open to properly prepared Sophomores and Juniors.

5, 6. **Craft of the Silversmith**—This course continues the study of the preceeding course by assigned problems in a more valuable metal. Students are taught refinement and good taste in jewelry design. The study and practice of stone-setting, chain-making, engraving and enameling on originally designed objects, bring out the technical difficulties that confront the silversmith. Prerequisite, A.A., 3, 4. Parallel course A.A. 11a, 12a. 4 hours a week. 2 points a semester.

7, 8. **Craft of the Goldsmith**—The character and treatment of gold in ornament, with consideration of built-up designs. Review of the principles of preceeding classes by the formation of large center table lamp involving the use of copper, pottery and stained glass. Care of the enamel, biscuit and glost kilns, preparation of firing tables. Analysis of glazes enter into the consideration of this problem. Prerequisite, A. A. 5, 6. 4 hours a week. 2 points a semester.

9, 10. **General Design**—The object of this course is to educate students to comprehend and appreciate the value of decoration in art. All students commence at once on exercises in original design until the principles are well understood. Studies are pursued to develop appreciation of harmony of line, light and dark, and color, and to cultivate original expression. The principles of design are applied to a variety of subjects—plant life, animal life and abstract motives being used. A study of historic ornament later in the course gives the student a connected idea of the relationship of ornament in the various periods of art. This course prepares the way for the application of design in the practical courses. Required of all Fine and Applied Arts, Domestic Art and Manual Training degree and certificate students. 2 hours a week. 2 points a semester.

11, 12. **Applied Design**—Design applied to the Art Crafts. Class work and lectures are required of all students taking Applied Arts courses 3, 4. 1 hour per week. 1 point a semester. Sophomores.

11a, 12a. **Applied Jewelry Design**—A lecture and recitation course required in parallel with A. A. 5, 6. 1 hour a week. 1 point a semester. Juniors.

13, 14.. **Applied Design**—Special training in the preparation of designs for weaving, stenciling, textiles, wall papers. Study of color harmony and design principles applied to house decorations. Required of Domestic Art students. Prerequisite, Applied Arts, 9, 10. 1 hour a week. 1 point a semester. Sophomores.

15, 16. **Keramics**—In this course all work must be original to secure college credits. Prerequisite, F. A. A, B, C, D.——A. A. A, B may be submitted for F. A. C, D. See "Special Keramics," for terms. 4 (Not given in 1915-1916).

Special Course in Keramics—Instruction in this subject includes elementary principles of design and color harmony, the practical applications of designs to Keramics, use of tools and appliances, properties of paints, bronzes, lustres, gold, and methods of firing. Fees, payable in advance, are: One term, 9 weeks, 18 lessons, $10; two terms, 36 lessons, $18. Firing is furnished by the University at fifty per cent standard rates. A new kiln has recently been added which accomodates larger pieces than can usually be fired in college kilns. Recommended parallel course A. A. 9, 10. (Not given in 1915-1916).

17, 18. **Leather Decoration**—This course takes up the practical application of design on leather as a medium of expression. At least a year of design is necessary as a prerequisite. 4 hours a week. 2 points a semester.

20. **Decorative Lettering**—A course designed to study artistic lettering with intent to practical use. 2 hours a week. 1 point.

21. **Advanced Pottery**—A course open to students who have had a thorough understanding of design and who have previously taken A. A. 1, 2, or its equivalent. The work consists in a study of glazes and fine inlaid decorations. 2 hours a week. 1 point.

Extra Examinations—Students who find it impossible to attend scheduled semester examinations may take a special examination upon the payment of $3.00.

Fees—All Studio and Shop courses require a maintenance fee, payable with tuition, of $2.00. This does not include materials used by students. In case 2 courses are taken in the same studio during one semester there shall be but a single fee for each semester. A small firing fee for pottery is collected by the teacher in charge of the pottery kiln.

Courses in F. A. 7, 8, 9, 10, 13, 14 require a model fee of $2.00, payable with tuition.

Permanent Student Exhibition—The school reserves the right to hold as a permanent collection any article or work of art created by a student. Such work will then become a record of the high standard reached by successive classes.

A special illustrated Fine and Applied Arts Bulletin will be mailed to anyone upon application. Address—Registrar of the University, Decatur, Illinois.

THE SCHOOL OF ENGINEERING

The Faculty

George E. Fellows, Ph.D., LL.D., *President.*

Fletcher A. Gould, B.S., C.E., *Professor of Civil Engineering.*

Beverly B. Burling, B.S., E.E., *Professor of Electrical Engineering.* (Resigned, Jan. 29, 1915.)

Carl I. Head, B.S. in M.E., *Acting Professor of Mechanical Engineering.* (Second Semester).

Robert J. Kellogg, Ph.D., *Professor of Modern Languages.* (On leave of absence.)

Grace Patten Conant, Litt.D., *Professor of English.*

John C. Hessler, Ph.D., *Professor of Chemistry.*

Walter J. Risley, A.M., *Professor of Mathematics.*

Harold R. Phalen, B.S. in M.E., *Instructor in Mathematics and Physics.*

Henry A. Bohl, *Instructor in Pattern and Foundry Work.*

Admission to this school requires the completion of course I or course II in the Academy or its equivalent elsewhere. See pages 10, 66, 70.

Three two-year introductory courses in engineering are offered: Civil Engineering, Electrical Engineering, and Mechanical Engineering. The work is made thoroughly practical by the use of the shop, the laboratory and the field, and by visits of inspection to plants illustrating engineering practice. Decatur offers superior opportunities for such inspection and study.

These courses have been planned with the belief that the first essential to a successful engineer is a thorough training in mathematics, in the principles of engineering. Attention is given, not only to the study of the theory, but to its practical application in the class-rooms, shops and laboratories. It is in harmony with the best courses in other engineering schools and gives a fine preparation for the Junior and Senior courses offered elsewhere. The equipment for these courses is most ample as well as thoroughly up-to-date in every respect.

The mathematics, drafting, physical and chemical sciences, modern languages, and much of the technical work demanded in the first two years of these three courses are very similar. The specialization leading to the degree in all engineering schools comes largely in the last two years in the course.

The courses for the Freshman and Sophomore years, as here outlined, are intended to fit students for entrance to Junior standing in the best engineering schools and colleges in the country.

Civil Engineering

Fletcher A. Gould, B.S., C.E., *Professor of Civil Engineering.*

The technical courses in Civil Engineering deal with mechanics, surveying and drawing. The following are special subjects which are given by this department during the freshman and sophomore years: plane and topographic surveying; railway surveying; engineering drawing, descriptive geometry and analytic mechanics.

The department is equipped with the necessary surveying and railway engineering instruments, including the compass, transit, level, chains, tapes, rods, flag poles, aneroid barometer, sextant, plane table, etc.

The cement-testing laboratory is fitted out with all the appliances necessary for making the standard tests. These are the Fairbanks tensile machine, Vicat and Gilmore needles for rate of setting, LeChatelier's specific gravity apparatus, sieves for fineness, boiling apparatus for accelerated tests, storage tanks, glass molding table, briquette molds, and a full set of other needed small instruments.

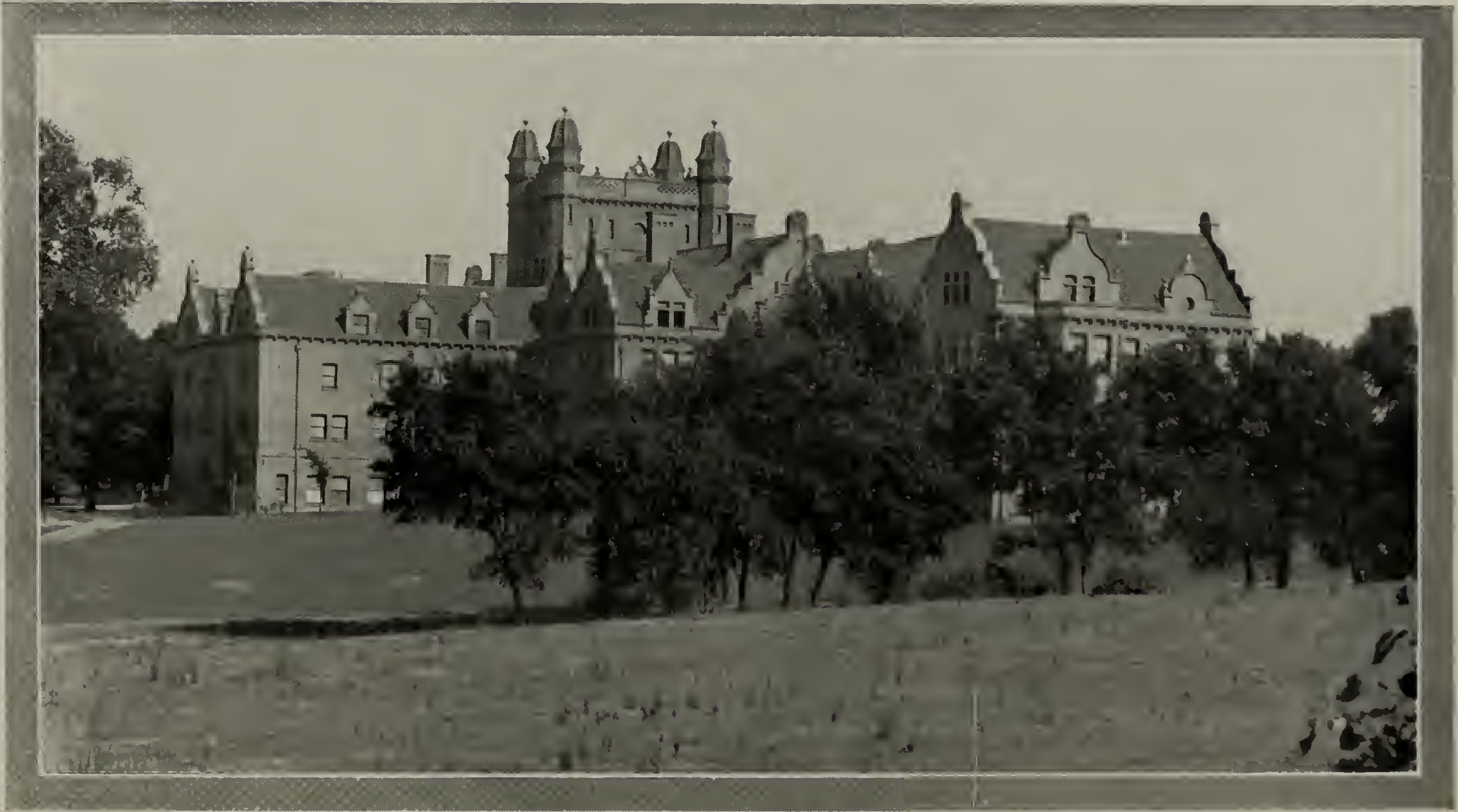
SUMMARY OF CIVIL ENGINEERING

Freshman—	Hours		Points
Mathematics, (5, 6)			5.5
English, (1c, 2c)			4.4
Drawing, Engineering (C. E. 1)	(12)	(0)	4.0
Descriptive Geometry, (C. E. 2)	(0)	(8)	0.4
Carpentry, (M. E. 1)	(9)	(0)	3.0
Forging, (M. E. 3)	(0)	(9)	0.3
Chemistry, (3, 4)	(6)	(6)	4.4
Sophomore—	**Hours**		**Points**
Calculus, (Math. 7, 8)			5.5
Physics, (Phys. 1,2)	(7)	(5)	5.5
Surveying, (C. E. 3, 4)	(11)	(12)	5.4
Analytic Mechanics, (C. E. 20)			0.3
Railroad Curves, (C. E. 8)	(0)	(3)	0.1
English or Modern Language, (3, 4)*			3.3

Junior and Senior Courses

Note—The courses for the Junior and Senior years, though not now offered here, are given herewith for convenient reference for students who may wish to take those years elsewhere, tho some modifications will probably be found in some institutions.

CONSERVATORY OF MUSIC



VIEW OF MAIN BUILDINGS FROM NORTHWEST, SHOWING CHAPEL AT LEFT

Junior—

Mechanics of Materials.
Hydraulics.
Railroad Engineering.
Graphic Statics.
Accounting and Auditing.
Geology.
Materials of Engineering.
Engineering Laboratory.
Stresses in Structure.
Bridge Design.
Direct Current Machinery.

Senior—

Elementary Law.
Philosophy.
Water Supply Engineering.
Sewerage.
Bridges and Structures.
Bridge and Structural Design.
Masonry and Concrete.
Masonry and Concrete Design.
Masonry and Concrete Tests.
Roads and Pavements.
Contracts and Specifications.
Tunneling.
Thesis.

DESCRIPTION OF COURSES

Freshman and Sophomore

1. **Engineering Drawing**—Prerequisite. Plane and solid geometry. Required of all engineering students. Deals with care and use of drafting instruments and the theory and practice of orthographic and isometric projection, developments, and the elements of engineering drawing. One period a week is given to free-hand sketching and lettering. Text-book; Anthony's Mechanical Drawing. 4 points.

2. **Descriptive Geometry**—Prerequisite, Solid Geometry and Engineering Drawing, (C. E. 1). Required of all engineering students. Text-book: Miller, Descriptive Geometry. 4 points.

3. **Plane Surveying**—Prerequisite, Plane Trigonometry. Required of all civil engineering students. The work consists of two hours per week recitation work in the theory of surveying, with 9 hours per week field work. Practice is had in the use of the chain, compass, level and transit and later an extended survey is made of some tract of land which is platted in the latter part of the semester. Text-book: Breed and Hosmer's Principles and Practice of Surveying, Vol. 1, and Pence and Ketchman's Surveying Manual. 5 points.

4. **Topographic Surveying**—Prerequisite, Surveying 3. This is a continuation of course 3. It includes the use of the transit, stadia and plane table as applied to the methods of conducting an extended topographic survey. 4 points.

8. **Railroad Curves**—Prerequisites, Surveying 3. A study of the mathematics of simple, compound, reversed, parabolic and spiral easement curves; as well as the methods of staking out and computing earthwork. Text-book: Allen's Railroad Curves and Earthwork. 1 point.

20. **Analytic Mechanics**—Prerequisite, Calculus 7. This course consists of the study of those problems of mechanics which are the basis of all work in engineering design. Text-book: Hancock's Applied Mechanics for Engineers. 3 points.

Electrical and Mechanical Engineering

Carl I. Head, B.S., in M.E., *Acting Professor of Mechanical Engineering.*

The technical courses in Electrical and Mechanical Engineering deal with the design and construction of machines and apparatus, tools and fixtures. The following are the special subjects given by this department during the Freshman and Sophomore years: Machine, Design, Kinematics, Pattern-making, Foundry, Forge and Machine Shop Practice.

The shops are equipped with modern machines and tools and the instruction is conducted along the lines pursued in commercial shops.

SUMMARY OF ELECTRICAL AND MECHANICAL ENGINEERING

Freshman—	Hours	Points
Mathematics, 5, 6		5.5
Chemistry, Chem. 3, 4	(6) (6)	4.4
English, Eng. 1c, 2c		4.4
Carpentry, Pat. and Foundry, M. E., 1, 2	(9) (9)	3.3
Engineering Drawing, C. E., 1	(12) (0)	4.0
Descriptive Geom., C. E., 2	(0) (8)	0.4
Sophomore—	**Hours**	**Points**
Calculus, Math. 7, 8	(5) (5)	5.5
Physics, Phys., 1, 2	(7) (7)	5.5
Mechanics, C. E., 20	(0) (3)	0.3
Machine Design, M. E., 7	(9) (0)	3.0
Kinematics, M. E., 8	(0) (6)	0.3
Forging and Machine Shop, M. E., 3, 4	(6) (6)	2.2
English or Modern Language		4.4

JUNIOR AND SENIOR COURSES

Note—The courses for the Junior and Senior years, tho not now offered here, are given herewith for convenient reference for students who may wish to take those years elsewhere. Some modifications will probably be found in some institutions.

Mechanical Engineering

Junior—

Mechanics
Hydraulics
Direct Current Machines
Electrical Laboratory
Mechanical Laboratory
Machine Design
Steam Engineering
Stresses in Structures
Materials of Engineering
Machine Construction

Senior—

Thermodynamics
Machine Design
Gas Engines
Mechanical Laboratory
Philosophy
Specifications and Contracts
Dynamo Laboratory
Elective
Thesis

Electrical Engineering

Junior—

Mechanics
Steam Engineering
Hydraulics
Direct Current Machinery
Alternating Current Machinery
Machine Construction
Electrical Design
Electrical Laboratory
Mechanical Laboratory
Machine Design

Senior—

Thermodynamics
Gas Engines
Electric Railways
Power Distribution
Design of A. C. Machinery and Distribution Systems
Dynamo Laboratory
Thesis
Philosophy

See Apprenticeship and Electrical Construction Courses below.

DESCRIPTION OF COURSES

First semester courses bear odd numbers and second semester courses even.

Freshman and Sophomore

1. Carpentry and Wood-turning—Care and the use of tools; exercises in laying out and in the construction of joints and other problems; wood turning; bench and lathe work. 3 points.
2. Pattern Making and Foundry Practice—The construction of patterns, core-boxes, flasks, etc., and their use in the foundry; moulding, coremaking, mixing metals and casting in brass and iron. Prerequisite, M. E., 1. 3 points.
3. Forge Work—Forging and welding in iron and steel; tool dressing, tempering. 2 points.
4. Machine Work—Chipping and filing, lathe, planer, drill press and milling work; laying out and finishing. Prerequisite, M. E., 3. 2 points.
7. Machine Design—Engineering details and assembly drawings. Prerequisite, C. E., 1. 3 points.
8. Kinematics of Mechanism—The relative motions of machine parts, including linkwork, cams, screws, belting, chains, toothed gears, quick return and parallel motion. The construction of point paths, centroids, velocity diagrams, ecceleration curves and the theoretical and approximate curves used in tooth outlines and cams. Recitation, lecture and drawing room practice. Text-book: Kinematics, Barr. Prerequisites, Mathematics 5, 6, and M. E. 7. 3 points.

Apprentices Courses

To meet the want of young men who are unable to take a regular course in engineering, and who have a desire to enter one of the mechanical trades, the department in connection with the Academy work offers admission to courses in the following lines: (a) Carpentry and wood turning; (b) Pattern making and foundry work; (c) Machine shop practice and forge work; (d) Stationary engine and boiler practice; (e) Electrical construction.

All such students are also expected to take a course in mathematics, physics and mechanical drawing. The intention is to train to accurate, efficient work with their brains as well as their hands.

These courses are only for such students as for good reasons do not wish to complete a full course in engineering. Students attaining sufficient skill may be able to earn part or all their tuition during the last semester at least. To those satisfactorily completing two years' work, 64 points, will be given a certificate showing proficiency in the line of work pursued.

Applicants must be at least eighteen years of age, though others may be admitted by special arrangements with the President. Students in these classes must conform to the regulations governing Academy students.

MILLIKIN CONSERVATORY OF MUSIC

The Faculty

George Emory Fellows, Ph.D., L.H.D., LL.D., *President.*

Max van Lewen Swarthout, *Director of the Conservatory and Professor of Piano, Violin and Theoretic Branches.*

Donald M. Swarthout, *Associate Director of the Conservatory and Professor of Piano, Organ, History and Theoretic Branches.*

Ada Emilie Lindsay, A.B., *Secretary of the Conservatory.*

William B. Olds, *Professor of the Art of Singing.*

William Erhart Snyder, *Professor of Piano Playing and the Art of Teaching Music.*

Miner Walden Gallup, *Associate Professor of Piano Playing.*

Edna Childs, *Associate Professor of Piano Playing and Professor of Ear Training.*

Eloise Bucher, *Associate Professor of the Art of Singing.*

Rose A. Borch, *Associate Professor of the Art of Singing.*

Grace Taylor Wandel, *Instructor in Piano Playing.*

George Otto Lillich, *Instructor in Piano Playing.*

Anna Whitmer McNabb, *Instructor in Piano Playing.*

Sylvia Fisk, *Instructor in Piano Playing.*

Robert Walter, *Instructor of Orchestral and Band Wind Instruments.*

Ruth Lavery, *Instructor in Violin Playing.*

Lois Wasson, *Instructor in Singing.*

Louise Bear, *Instructor in Public School Music Methods.*

Marian McClelland, *Instructor in Singing.*

Erma Fitch, *Instructor in Piano Playing.*

Lucile Olinger, *Instructor in Piano Playing.*

Eloise Jacobs, *Instructor in Piano Playing.*

Millikin Conservatory is recognized, by authorities, to have equipment and building which equal anything in the United States for music work. While this fact is acknowledged, the policy of the Conservatory is to emphasize the most vital and important factor—the efficiency of the faculty. The aim of the directors is to have systematic courses of study in accord with the best educational ideas on musical matters which the country can offer. The standards of these courses of study are equal to those offered by other leading schools of music in America. The faculty consists of men and women with thorough training and experience. The leading teachers have enjoyed the double advantage of study in Europe and America and are artists of more than local reputation. Aside from providing high grade recitals by members of the faculty and more advanced students, the Conservatory brings each year to its pupils, and the music lovers of the city, opportunity to hear several of the world's most celebrated artists. Informal student recitals which occur from week to week, afford to practically all music students, no matter of what degree of advancement, experience along the line of appearing before others. The more proficient students are heard in occasional programs to which the public is invited.

A splendid spirit of co-operation exists among the faculty and student body and, without question, the Conservatory is entering upon an era of most splendid achievement from both standpoints of enrollment and high musical standards. Outlines of study in the Conservatory embrace certificate and diploma courses in pianoforte, violin, organ, and voice, and a comprehensive course in public school music and a thorough analysis of general teaching methods.

The Conservatory Building

Millikin Conservatory is located in a building devoted entirely to music. For a description see page

Plan of Education

Millikin Conservatory students are classified as collegiate, academic, elementary and kindergarten. The kindergarten department accepts children from the ages of four to six. Special study in music is carried on along with the general educational work. Attention is given to ear training, sight reading, singing, rhythm and work at the piano as well as to nature studies, hand work, numbers, reading, drawing, painting and other fundamental work.

The elementary department is designed for children from the ages of six to fourteen and includes work in the rudiments of music, technic, ear training as well as study in piano, voice or violin.

The academic department prepares students for collegiate work and offers instruction in the various branches of musical study.

The collegiate department includes the various certificate and diploma courses, offering special work to such students as prefer elective work only. The teachers' training courses are all classed as collegiate.

High School, Academy and College Work

Conservatory students are urged to continue their studies in their general educational work so as to develop into broad-minded musicians. The Conservatory follows the College plan of arranging the courses of study. Credit for music is given toward graduation from the Decatur High School, Millikin Academy and the College—a recognition in itself of the educational value of music study.

Students in the University or Academy may take as much as one-fourth of the required work in music, if they are planning to devote their time to that subject, thus keeping up their music along with their literary subjects, and graduating in the same length of time as required for the regular literary students.

Diplomas and Certificates

Diplomas are conferred upon students in the collegiate department who have been in the Conservatory at least one year and who have completed the required work in any practical subject along with the required collateral work. (See Conservatory Catalog).

Certificates are conferred upon students who complete the work outlined in the Conservatory catalog under the various courses of piano, violin, voice or organ—as soloist or teacher. Special harmony certificates are also offered.

It is impossible to estimate the time required for a student to complete any course of study. Some pupils require two years to accomplish what others can do in one year; so much depends upon the general educational ability of the student, the musical talent, and the ability to apply himself to conscientious, intelligent study and practise. Each pupil must be considered individually in the outlining of his course of study.

Beginners Are Welcome

Much time and money may be saved by the student who starts his music study under a scientifically arranged system of instruction. The same thorough and careful training is given to children and beginners as to the more advanced musicians in Millikin Conservatory.

Time for Entrance

The collegiate year is divided into four terms. Students may enter at any time and pay tuition at the term rate from date of entrance. Two terms are of ten weeks each and two of nine weeks in the collegiate year. In addition to these a summer term of six weeks is offered for such students as may choose to do special music work at this season of the year.

Courses of Study

Outlines of the various courses offered in the Conservatory may be found in the special Conservatory catalog, which will be sent on application to the Secretary.

Literary-Music Courses

Academic and Collegiate

In accordance with the opinions of the most advanced pedagogical authorities, the College offers courses of study in the Academy and College which include the study of music as an integral part of an academic or collegiate education.

In combining music with the regular studies many advantages accrue to the student. The value of music as a vital factor in broadening the mental faculties, in strengthening the moral character and in furthering the physical development is recognized as of equal importance with other elective subjects.

The Academic and Collegiate courses consist of four years' work each, in which the study of music constitutes one-fourth of the required work.

The course for academic graduation includes:

Music	32 points
German, French, Latin or Greek	24 points
Mathematics exclusive of Arithmetic	10 points
English	30 points
Domestic Science, Chemistry or Physics	8 points
History	4 points
Fine Arts	8 points
Biology	8 points
Collaterals	4 points
Elective	4 points
	132 points

The course for collegiate graduation includes

Music	32 points
German, French, Latin or Greek	32 points
English Literature and Composition	16 points
Mathematics, College Latin or additional Laboratory Science	8 points
History and Economics	8 points
Biology	8 points
Philosophy	8 points
Hygiene	2 points
Physical Training	2 points
Literary and Scientific Society	2 points
Elective	12 points
	130 points

The above course leads to the degree of Bachelor of Science of Music.

Music is to be continuously and satisfactorily pursued during the entire course.

A student may take only one four-years' Literary course, either the Academic or the Collegiate, but not both of them. A regular High School or Academy graduate may pursue the Collegiate Literary-Music course, but a graduate from the Academic Literary-Music course cannot enroll for the Collegiate Literary-Music course. Such a student may enroll for a regular College course and take 16 points in College music courses as electives, counting them toward College graduation. This is more fully explained under the next head.

The above course leads to the degree of Bachelor of Science in Music.

ELECTIVES IN THE OTHER SCHOOLS

In the regular College courses leading to the bachelors' degrees, sixteen points in advanced college music may be used as electives; one-fourth of the points offered must be in theoretic subjects.

Eight points in Academy or College music may be used as electives in the preparatory courses in the Academy leading to the various schools in the College; one-fourth of these must be in theoretic subjects.

CLASS INSTRUCTION

No one is able to obtain a thorough knowledge of music merely by taking private lessons in singing, piano, pipe-organ, or violin playing. Theoretic, scientific and historic courses of music are essential to the attainment of a broad and comprehensive musical education. This Conservatory offers a number of such courses to its pupils and strongly urges that as many of them as possible be taken. The Directors will advise as to which of these courses will be most suited to the student's need.

Among the courses offered, without charge, are those in Appreciation of Music, Public Performance, Voice Ensemble, Violin Ensemble, Millikin Glee Club, Girls' Glee Club, Orchestra and Chorus.

STUDENT CONCERTS AND RECITALS

The Conservatory of Music presents during each year a series of concerts and recitals by its students, the Conservatory Orchestra and Choruses and members of the faculty. The hearing of art works and the consequent acquaintance with musical literature is ever an important part of a musical education.

SYMPHONY ORCHESTRAS AND ARTISTS' RECITALS

A fine series of concerts and recitals by celebrated artists and organizations is presented each year by the Conservatory for the enjoyment and education of the students and the music lovers of the city. During the past two years the following have been presented:

The Russian Symphony Orchestra, Modest Altschuler, Conductor, Bernard Altschuler, 'Cellist; The St. Louis Symphony Orchestra, Max Zach, Conductor, Hugo Olk, Violinist; The Minneapolis Symphony Orchestra, Emil Oberhoffer, Conductor, with solo artists Leonora Allen, Soprano; Alma Beck, Contralto, Enrico Palmetto, Tenor; Frances Ingram, Contralto; Cornelius Van Vliet, 'Cellist; Richard Czerwonky, Violinist; Frederick Freemantel, Tenor; Karl Scheuer, Violinist; Marie Sundelius, Soprano; Albert Lindquest, Tenor; Marion Green, Bass; Piano recital by Harold Bauer; Violin Recital by Maud Powell, with Frances Moore accompanist; Song recital by Jenny Dufau with Charles Lurvey accompanist; The Zoellner String Quartet; Piano and Violin Recital by M. van L. Swarthout and Donald M. Swarthout of the Faculty; Organ recital by D. M. Swarthout. Piano Recital by William Erhart Snyder of the Faculty.

CHURCH MUSIC

Members of the faculty direct the music in many of the large churches in the city. Students have opportunity by singing in the choirs to study the best in church and oratorio music; or if not choir members, to hear these fine works.

MUSIC TEACHERS' TRAINING DEPARTMENT

The Normal Department has as its object to train teachers of piano, violin, voice and public school music in the Theory and Practice of Musical Pedagogy, thus fitting them to develop intelligently and scientifically the mental, physical and emotional powers of the pupil.

The full course in this department covers a period of two years, but a student who has the necessary strength and time for study may complete the full course in one year. The first year's work is devoted to general musical pedagogy for students preparing to teach either public school music, voice, violin or piano-playing. The second year's work deals with the more specific problems to be met with in a teacher's experience. The course in Theory and Practice of Public School Music includes the general principles of tone production, breathing, rote-singing, staff drill, rhythm, ear-training, solfeggio, two, three and four-part songs, and thorough preparation for successful work as supervisor of music in public schools.

The courses in Theory and Practice of Teaching Piano Playing embrace a thorough training in the newer principles of teaching, such as regards technic and interpretation. Elementary and advanced problems of piano teaching according to the best known and accepted methods are carefully studied.

In the course in Theory and Practice of Teaching the Art of Singing, the special problems of the voice teacher are discussed.

The course in Theory and Practice of Violin Playing embraces the subjects and problems of the violin teacher.

The course in Psychology of Music is one of the requirements for teachers' certificates and may be taken in either the first or second year.

Students taking the second year's course are expected to do practical teaching. Theoretic instruction thus combined with practical experience in teaching is the ideal way of developing the teacher's equipment for his work.

Teachers' Certificates are granted to all who complete the course.

HOMES FOR YOUNG WOMEN

The young women of the Conservatory find delightful homes either in private families or at Aston Hall.

Students who prefer private homes will find no difficulty in locating pleasantly and at low cost. The Secretary of the Conservatory takes pleasure in giving students valuable advice, either by mail or interview, concerning board and room.

ADVANTAGES OF UNIVERSITY ASSOCIATION

The value of college associations for the student of the Conservatory of Music cannot be overestimated. As one of the schools of the College many advantages accrue to the music student either free of charge or for a small fee. The Liberal Arts, Fine and Applied Arts, Domestic Economy and other schools of the College offer many courses of study and practical work from which selections can be made for work to be pursued with the courses in music.

The student has many opportunities for pleasant and profitable social intercourse in the various literary, dramatic and fraternal societies. The Choral Clubs, and the Orchestra are open to those qualified to do the work in these organizations.

Chapel privileges are open to all music students.

MUSIC LESSONS FOR CHILDREN

Elementary Department—Piano, Voice or Violin

The elementary department offers thorough instruction in piano, voice or violin at low cost. To obviate the necessity of correcting faults which too often are formed by pupils incorrectly taught, a correct scientific training is of the greatest importance, especially to children. This fact is nearly always overlooked by parents and pupils, and the result is that beginners are too often entrusted to the teaching care of faulty instructors.

Lessons on Saturdays

All the class lessons in this department are given on Saturdays.

All pupils in the elementary department have the privilege of appearing on the public recital programs of the elementary department as soon as they are competent, and of attending the class meetings for training and practice in public performance.

TUITION FEES

Elementary, Academic or Collegiate Departments

Note—The fees for private lessons vary according to the teacher selected.

(See Conservatory Catalog, "Tuition Fees" for specific fees of each teacher.)

Private Lessons Only

When paid for by the term of 9 weeks:

Piano Playing						
	$0.50	$0.75	$1.00	$1.25	$1.50	$2.00
Same lessons paid for as single lessons:	.62	.94	1.25	1.56	1.87	2.50

Singing					
	.50	.75	1.00	1.50	1.75
	.62	.94	1.25	1.87	2.18
Violin Playing					
	.75	2.00			
	.94	2.50			

For Children

One class lesson each week in rudiments of music and elementary harmony....	Free of Charge
One class lesson each week in ear training	Free of Charge
One class lesson each week in piano technic	Free of Charge
One class lesson each week in gymnasium	Free of Charge

When one considers the rapid advancement made by students under a well regulated system of instruction, it is readily seen that the tuition prices at Millikin Conservatory are very low.

Academic and Collegiate Class lessons are sixty minutes in length; All private lessons are thirty minutes, except by special arrangement at time of registration.

Tuition Fees are for a term of nine weeks, payable in advance. Because the second and fourth terms each contain ten weeks a proportionate extra charge is made for these terms.

Theoretic, Scientific and Historic Music Courses

Private Lessons—These subjects are all taught in classes but private lessons are given to students who find it inconvenient to attend a desired class because its time of meeting conflicts with other engagements, or for any other reason. The charges for such private lessons are the same as for practic music courses taken in private lessons and vary from $4.50 ot $18.00 per term of nine weeks for one lesson each week, according to the teacher selected.

Class Lessons	One Hour Lessons Each Week
Essentials of Musical Theory	$1.50 per term of 9 weeks
Elementary Harmony	1.50
Appreciation of Music	Free of charge
History of Music I (First Year)	$2.50 per term of 9 weeks
History of Music II (Second Year)	3.00
Harmony (Second Year)	5.00
Harmony (Third Year)	5.00
Musical Form and Analysis	5.00
Counterpoint, Canon and Fugue	7.50
Composition	7.50
Orchestration	7.50

Music Teachers' Training Courses

Private Lessons—

Students who desire private lessons in any course under this head may obtain them at the regular rates for private lessons with the teachers having these subjects in charge.

Class Lessons—

Musical Pedagogy	$5.00 per term of 9 weeks
Theory and Practice of Teaching Public School Music	$5.00 per term of 9 weeks
Theory and Practice of Teaching Piano Playing....	$5.00 per term of 9 weeks
Theory and Practice of Teaching Singing.........	$10.00 per term of 9 weeks
Theory and Practice of Teaching Violin Playing....	$10.00 per term of 9 weeks
Child Study and Elementary Psychology—4 hour lessons each week........	$9.00 per term of 9 weeks
The Art of Teaching—4 hour lessons each week.....	$10.00 per term of 9 weeks
Psychology of Music........	$2.50 per term of 9 weeks

Practic Music Courses

Per Term of 9 Weeks Private Lessons	One Lesson Each Week	Two Lessons Each Week
Art of Singing	$ 4.50 to $16.00	$ 9.00 to $32.00
Vocal Diction	9.00 to 16.00	18.00 to 32.00
Vocal Expression—Public Speaking	9.00	18.00
Piano Playing	4.50 to 18.00	9.00 to 36.00
Piano Technic	6.75 to 18.00	13.50 to 36.00
Pipe-Organ Playing	18.00	36.00
Violin Playing	6.75 to 18.00	13.50 to 36.00
'Cello Playing	18.00	36.00
Wind Instruments	4.50	9.00

Class Lessons	One hour each week
Ear Training (First Year)	$1.50 per term of 9 weeks
Ear Training (Second Year)	5.00 per term of 9 weeks
Ear Training (Third Year)	5.00 per term of 9 weeks
Vocal Diction—For Singers and Speakers	5.00 per term of 9 weeks
Vocal Ensemble	Free of charge
Millikin Glee Club	Free of charge
Girls Glee Club	Free of charge
Piano technic	5.00 per term of 9 weeks
Piano Ensemble	7.50 per term of 9 weeks
Violin Ensemble	Free of charge
Orchestra—1½ hours each week	Free of charge
Public Performance	Free of charge
Physical Training—2 hours each week	Free of charge

General Information

Students enrolled only in the Conservatory of Music pay no fee except the music fees. Music students who take courses in the Academy or College of the University pay fees in proportion to the number of subjects pursued. Information concerning these fees will be given on application.

Practice rooms containing high grade pianos are available in the Conservatory building for use by students. Regular practice hours are assigned by the secretary.

Students are strongly urged not to appear in public performances without consulting the teacher about the composition to be performed. Many unfortunate results have come to students who have consented to play compositions which were not ready for performance. This request is made because the faculty members consider the best interest of the student.

Students wishing to change their registration should first consult the secretary. Much unnecessary inconvenience for office and student will thus be avoided.

Pupils, or those contemplating study, are invited to consult freely with the directors concerning their studies, their plans for work and whatever may require attention.

Pupils may enter at any time, but will not be accepted for less than one term of nine weeks. Each pupil is advanced according to ability.

Students residing out of town, may receive all their weekly lessons during one or two attendances.

Parents and prospective students are asked to consult with the directors or secretary as to the number and kind of lessons to be taken.

Each student is expected to attend all school recitals unless excused by the director.

Earnestness and regularity of attendance are counted in the awarding of certificates and diplomas.

The standing of each student in every subject studied is filed in the office by the teachers at the end of each term and is kept on record.

For the convenience of the pupils of the Conservatory a music store is conducted in the Conservatory building.

All students of the Conservatory of Music are expected to appear in public whenever asked by directors or teachers.

All students are urged to take a musical magazine so as to keep in touch with the general advancement of musical art and to broaden their knowledge of music as an art and science. It is essential that those students wishing to teach have such helps.

A copy of the Conservatory catalog will be mailed to any one whose address is sent, and desired information will be cheerfully given to all who write or call on the secretary,

ADA EMILIE LINDSAY,
The Millikin Conservatory of Music.
Decatur, Illinois.

SHORT COURSE IN AGRICULTURE

The Staff of Instruction

W. H. ROWE, *Lecturer on Farm Crops.*

J. B. STEVENSON, *Lecturer on Soils.*

W. W. SMITH, *Lecturer on Farm Bookkeeping and Commercial Law.*

B. B. BURLING, *Lecturer on Farm Machinery.*

L. M. COLE, *Lecturer on Carpentry.*

B. S. PICKETT, *Lecturer on Horticulture.*

F. A. GOULD, *Lecturer on Surveying, Drainage and Concrete.*

H. A. BOHL, *Lecturer on Blacksmithing.*

R. R. WELLS, *Lecturer on Animal Husbandry.*

CARL CALVIN, *Lecturer on Poultry Raising and Dairying.*

EDNA SKINNER, *Lecturer on Domestic Science.*

MABEL DUNLAP, *Lecturer on Domestic Art.*

GRACE PATTEN CONANT, *Lecturer on English Literature.*

A. W. NOLAN, *Special Lecturer.*

A. W. JOHNSON, *Special Lecturer.*

Through the co-operation of the Faculty of the School of Agriculture of the University of Illinois with the Technical Departments of the Decatur College and Industrial School a Six Weeks' Course in Scientific Agriculture was given, for the first time, in February and March, 1914. The course has been continued under a similar arrangement between the two institutions. The work is presented in the form of lectures and conferences, and aims to give to farmers and others expert information in the field of agriculture and closely related subjects, such as machinery, concrete work, carpentry, business management and household arts. In addition to the series of lectures by the regular staff of instruction, special lectures on various topics of practical interest are given during the course of the term by experts in the fields concerned.

Outline of Courses for 1915

Farm Crops—

Seed selection; value of good seed; corn; corn judging; wheat; oats; clover; alfalfa.

Soils—

Importance of soil conservation; soils and their uses; nitrogen and organic matter; phosphates; limestone; permanent soil; preparation of soil for various crops.

Farm Bookkeeping—

Business management on the farm; system of bookkeeping adapted to farm conditions.

Commercial Law—

Money market; relation of prices to cost of living and other economic questions.

Farm Machinery—

Care, adaptability and use of machinery; the tractor; gas engines; tempering, brazing and welding of tools.

Carpentry—

The proper tools and their use; the planning of buildings; erection of buildings; painting; repairing.

Horticulture—

Pruning; spraying; tip, root and bud grafting (with practical demonstrations); insects and fungus diseases; insecticides and fungicides.

Surveying, Drainage and Concrete—

Proper drainage; practical serveying; concrete construction of buildings, feeding troughs, floors, walks, fence posts, etc.

Blacksmithing—

Animal Husbandry—

Heredity; animal improvement; live stock; poultry.

Dairying—

The place of dairying in diversified farming; value of the dairy industry; the dairy type of cow; developing the herd.

Domestic Science and Art—

House arrangement and sanitation; household furnishings; household administration; foods; planning and preparation of meals; home nursing; dressmaking; millinery; needle work; textiles.

Rambles in Literature—

An introduction to current and modern literature, and suggestions for home reading.

Special Lectures—

Farm efficiency; the county adviser; crop rotation; systems of farming; modern demands of scientific agriculture.

For further information, address the President of the Decatur College and Industrial School, Decatur, Ill.

THE ACADEMY

George Emory Fellows, Ph.D., LL.D., *President.*

J. P. McCoy, A.M., *Principal.*

The Academy is a thoroughly modern secondary school in connection with the College. The courses are planned to serve a wide range of student needs and interests. Students are encouraged early in the course to have some purpose of their own about which their work may be organized, and in the light of which a wise choice may be made among the electives.

The following is a brief outline of the courses:

(1) College Preparatory:

(a) Admitting to the school of liberal arts in colleges and universities of the United States.

(b) Admitting to the special and technical schools and departments of colleges and universities:

(2) Practical and General:

(a) For students who will make the Academy their last school, and wish to fit themselves for certain trades and for business life;

(b) For students who are interested primarily in special subjects or skills.

The Academy affords an especially good opportunity for a class of mature students who, for one cause or another, have not completed their secondary education at the usual age. These students, ordinarily, do more work and do it better than the average student of a secondary school, and the Academy in connection with the college is better adapted to this class of students than is any other type of educational institution.

Entrance Requirements

Graduation from the eighth grade, or its full equivalent, is required for admission to the Academy. Advanced standing, on work of high school grade, is given according to the merits of each case. Maturity and ability to do the work with profit is of first importance; and hence evidence other than school grades is given some weight in the classification of students.

Requirements for Graduation

Graduation from the Academy requires the completion of four years' work of two semesters each, averaging sixteen hours per week, and making a total of at least one hundred thirty-two semester hours, or credit points semester hour, (or point), is one class hour of prepared work per week for one semester, or twice the amount of laboratory or unprepared work.

I. Preparatory to School of Liberal Arts

Required:

Latin	20 points
Additional Foreign Language Requirements, either (1), (2) or (3) as follows:	
(1) Latin or Greek	20 points
(2) German or French	16 points
(3) German or French	12 points
Mathematics (exclusive of Arithmetic)	20 points
English	30 points
Chemistry or Physics	10 or 8 points
Biology	8 points
History	8 points
Collaterals	4 points
Elective	12 to 22 points
Total	132 points

First Year—			Hours points
English, A. B			5.5
Latin, A. B			5.5
History, A. B			4.4
Elective			2.2
Second Year—			
English, C. D			5.5
Latin, C. D			5.5
Algebra, C. D			5.5
Elective			3.3
Third Year—			
Latin, E. F., or			5.5
German, 1, 2 or			6.6
French, 1, 2			6.6
Geometry, E. F			5.5
Physics, A. B	(7)	(7)	5.5
English, E. F			5.5
Fourth Year—			
Latin, G. H., or			5.5
German, 3, 4, or			4.4
French, 3, 4			4.4
U. S. History, E			4.0
Civil Government, F			0.4
Biology, C. D.	(6)	(6)	4.4
English, G. H			5.5
Elective			3.3
Other Electives—			
Modern History, C. D			4.4
Public Speaking, 1, 2			1.1
Vocal Expression, B	(0)	(2)	0.2
Algebra, G.			5.5
Adv. Arith.			0.5

Fine Arts, Applied Arts, Domestic Economy, Bible Study, etc.

English

A, B. First Year—The aim of the course is to give a solid foundation for subsequent work. Although the student will be introduced to the English classics, emphasis will be placed upon self-expression, both written and spoken. To this end drill will be given in reading and interpretation, and in memory work, grammar, spelling, punctuation, and general manuscript form. Any student who shows marked ability and the requisite knowledge, may be allowed, on the recommendation of the Principal and the instructors concerned, exemption from such portion of the work as seems advisable. Any second, third, or fourth year student who, in the judgment of his teachers, is deficient at any time in any of the fundamental habits of good usage in spoken and written English, must repeat in this course the work in which he needs further drill. 5 points a semester.

C, D. Second Year—The aim of the course is to give an appreciation of the masterpieces of literature through the study of selected English classics, and to develop his powers of writing and speaking through oral and written themes. The following books will be used.

Shakespeare: "As You Like It."
Tennyson: "Gareth and Lynette;"
"Lancelot and Elaine;"
"The Passing of Arthur."
Dickens: "David Copperfield."
Addison: "Sir Roger de Coverley."
Selected— Short stories and tales.
Stevenson: "Travels with a Donkey."
Scott: "Ivanhoe."
Shaqespeare: "Julius Caesar."
Hitchcock: Enlarged Practice Book.
Webster: Secondary School Dictionary.
5 points a semester.

E, F. Third Year—The aim of the course is to create interest in American Litreature through the study of selected masterpieces from Franklin to Whitman. The study of Rhetoric will be introduced in advanced theme writing. The following books will be used.

Franklin: "Autobiography."
Parkman: "Oregon Trail."
Poe: "Short Stories."
Longfellow: Selected Poems.
Lowell: Selected Poems.
Whittier: Selected Poems.
Cooper: One Novel.
Lincoln: Selected Speeches.
Washington: "Farewell Address."
Webster: "First Bunker Hill Oration."
Thoreau: "Walden."
Irving: "The Sketch Book."
Hawthorne: "The House of the Seven Gables."
Hitchcock: Rhetoric.
5 points a semester.

G, H. Fourth Year—The aim of the course is to create interest in the progress of English poetry and prose through selected writings from Chaucer to Browning. Rhetoric and Grammar will be studied in connection with advanced themes. The following books will be used:

Chaucer: "Prologue."
Spenser: "Fairie Queen." Bk. 1.
Shakespeare: "Macbeth."
Milton: Minor Poems.
Carlyle: "Essay on Burns."
Wordsworth: Selected Poems.
Keats: Selected Poems.
Shelley: Selected Poems.
Browning: Selected Poems.
Malory: "Morte d' Arthur."
Bunyan: "Pilgrim's Progress."
De Foe: "Robinson Crusoe."
Austen: One Novel.
Scott: One Novel.
Thackeray: "Henry Esmond."
Dickens: One Novel.
Hitchcock: Rhetoric and the study of Literature.
5 points a semester.

Latin

A thorough training in the common forms of the Latin grammar is given. Exercises in grammar and composition supplement the reading of these early years. The classics have high value for purposes of general culture.

Latin

A, B—Latin Lessons and select reading.
C, D—Caesar; Gallic War, books I-IV. Composition.
E, F—Cicero, six orations. Composition daily. Selections from Ovid.
G, H—Virgil's Aeneid, books I-VI. Sight reading from Avlus Gellius.

Modern Languages

Academy students are admitted to College classes in Modern Languages and may take the same as regular Academy classes under the following conditions: Course 1-2 under any language covers the ground for two years' high school work, and may therefore be taken to fulfill the Academy graduation or College entrance requirements in Modern Languages, but with a total credit of 12 points instead of 16, thus adding 4 to the number of elective points to be taken by the student. Students desiring the full number of points in Modern Languages may continue course 3-4 with a total credit of 20 points, of which 4 points will apply on electives.

For aims, plan of teaching and announcement of courses, see under College Announcement, page 30.

Mathematics

The value of mathematics, both as a means of training in exact reasoning and as furnishing a foundation for other sciences, pure and applied, has long been recognized by educators. The Academy course embraces the elements of algebra and geometry, two main, distinct lines of mathematical investigation. Both of these lines of mathematical thought have an immediate and important bearing on the special industrial, technical, and engineering courses, in addition to their introductory relation to the higher mathematics.

C, D. Algebra—A first course, including quadratic equations. One year. Required of all students.

E, F. Geometry—A course covering the usual theorems in plane and solid geometry. One year. Required of all students.

G. Algebra—This is a course in quadratics, ratio, proportion, advanced equations, logarithms, etc., and a review course in the reduction of complicated radicals, fractions, factoring, etc.

H. Arithmetic—This is a course for those who are taking up the subject with the desire to review and extend the knowledge previously acquired. The elementary processes of arithmetic are thoroly reviewed, followed by a study of ratio and proportion, series, logarithms, graphic arithmetic and some of the problems of commercial arithmetic.

History and Government

A, B. Ancient and Medieval History—A year's study of ancient oriental peoples, Greeks, Romans, and the races that formed the modern nations of Europe. Emphasis is put upon the contributions of the past to the present time. Map drawing is a special feature. Four points a semester.

C, D. Modern European History—A continuation of Course "A, B," The study begins with the Protestant Reformation, includes the political revolutions of the 19th century, and ends with a statement of Europe's problems today. Map drawing is a feature. Four points a semester.

E. History of the United States—A careful review of the essentials, for students who are planning to apply for certificates to teach, and for those who cannot plan to get American History in college. Map drawing is a special feature. 4 points.

F, 1. Civil Government of the United States—An elementary study of our National Government. 2 points.

F, 2. Civil Government of Illinois—To impart a knowledge of our local institutions, a study is made of the spirit of our State government, its form, and its services. A visit to the Court House of Macon County and to the County Jail is one of the means employed to this end. 2 points.

Physics

The course in academy physics is primarily to impart as definite knowledge as possible of the more common laws governing the physical world and, incidentally, to cultivate habits of observation and accurate thought. Physics is usually the first in point of time and is always the most important experimental science taught in our schools. While it is not required for entrance to college in all courses, a broad culture is impossible without it.

A, B.—This course deals with the general laws of mechanics, sound, light, heat, magnetism, and electricity with the object of teaching that the various phenomena follow definite laws, and of showing how closely and extensively physics is connected with our every-day life. Three recitations and four laboratory hours per week. 5 points a semester.

Chemistry

Courses 1 and 2 (or 3 and 4), Freshman (College) Chemistry, are open to regular fourth year Academy students who have had Academy Physics with laboratory work for one year.

Physical Training

First Year—Exercises that will induce vitality, strength and the harmonious growth of the muscles; individual exercises to correct faulty positions of the body. Chiefly free work. Elementary work with apparatus.

Second Year—Theory and practice of Free Gymnastics. Advanced work with apparatus.

Two years' work is required of all students.

Manual Training

This course is open as an elective to all students in the Academy. Both the technical and educational elements are emphasized so that the course is equally valuable as a preparation for the study of engineering or as a part of a general education.

First Year A. B. Manual Training—Joinery, 2 points. Manual Training, B. Wood-turning, 2 points.

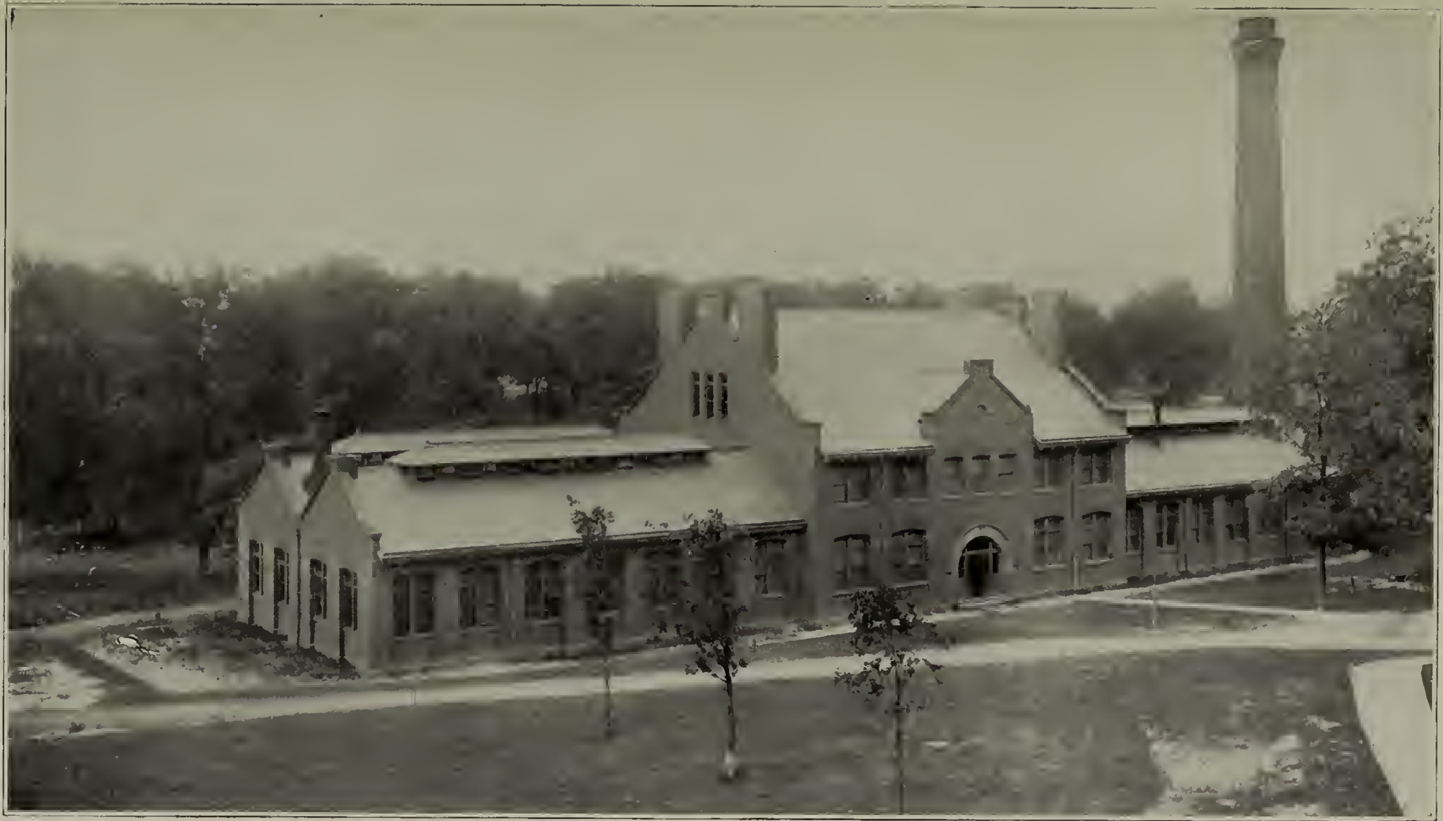
Second Year C. D. Manual Training—Pattern-making and Moulding or Advanced Bench Work, 4 points a year.

Third Year E. F. Manual Training—Forging, 4 points a year.

Fourth Year G. H. Manual Training—Machine-shop work, 4 points a year.

Biology

The course in general biology is introductory to the more special courses in zoology and botany given by the College. It is primarily a college course, but is eligible by fourth year academy students. It will include lectures, text-books, laboratory and field work. None of the laboratory sciences furnishes a better training in observation, experimentation, and recording of results than biology. The study of living things and their relations to each other and to their physical surroundings bring the student to consider some



POWER HOUSE AND MACHINERY HALL

of the most interesting problems which nature presents to us. The practical value of biology is especially apparent in domestic science, in horticulture and agriculture, in medicine, and the like. The extent to which nature study is being introduced into the elementary schools gives an additional value to this course for prospective teachers.

A. The Elements of Physiography—Second year of Academy, first semester. 4 points.

B. The Elements of Human Anatomy and Physiology—Second semester. 4 points.

C. General Biology—4 points.

D. General Biology—4 points.

Courses **C** and **D** are not eligible separately.

Biblical History and Literature

The courses are all elective. They are necessarily more elementary than the College courses and are intended to be introductory to the latter. They are conducted along similar lines and aim to give the student a fairly thorough and systematic knowledge of the whole Bible.

A. Introduction to the English Bible—What the Bible is; how we got our Bible; story of the Canon and Apocrypha; history of the English Bible; its literary character and importance; geography and peoples of Bible lands. Lectures and text-book: Smyth, "How We Got Our Bible." 1 point.

B. Bible Manners and Customs—A study of the social, political and religious life of the Hebrews in the light of the manners and customs of modern Palestine. Text-book: Rice, "Orientalisms in Bible Lands." 1 point.

C, D. The Contents of the New Testament—A chronological and analytical survey of the books of the New Testament—their contents and writers. Text-book: McClymont, "The New Testament and Its Writers." 1 point a semester.

E, F. Hebrew History to the Exile—The forerunners of the Semites; the origin of the Semites and their settlements: the social, political and religious history of the Hebrews through the stages of nomadic origin, tlement in Canaan, monarchy and dissolution of the state. Text-book: Kent, "History of the Hebrew People." Fourth year. 2 points a semester.

II. Preparatory to Scientific, Engineering and Other Technical Courses

The following course prepares for the collegiate Scientific, Engineering and other technical courses. See the electives named in the note below.

First Year—	Hours		Points
English, A. B.			5.5
Algebra, C. D., or			5.5
Arithmetic, A. B.			5.5
History, A. B.			4.4
Elective			2.2
Second Year—			
English, C. D.			5.5
Geometry, E. F., or			5.5
Physiography and Physiology			4.4
Fine Arts, A. B.	(4)	(4)	2.2
Third Year—			
German, 1, 2, or			6.6
French, 1, 2			6.6
Geometry, E. F.			5.5
Physics, A. B.	(7)	(7)	5.5
Manual Training, A. B., or	(4)	(4)	2.2
Applied Arts, C. D.	(4)	(4)	2.2
Algebra, G.			5.0
Advanced Arithmetic			0.5
Fourth Year—			
German, 3, 4 or			4.4
French, 3, 4			4.4
English, E. F.			5.5
History, E.			4.0
Civil Government, F.			0.4
Manual Training, C. D.	(4)	(4)	2.2
Applied Arts, E. F.	(4)	(4)	2.2
Other Electives—			
Public Speaking, 1, 2			1.1
Vocal Expression, B.	(0)	(2)	0.2

Students anticipating Engineering, Bookkeeping, Stenography and Typewriting, Bible Study and other technical courses may substitute from these electives for Manual Training and Applied Arts.

III. Courses in Domestic Science and Domestic Art

These courses are designed to meet the needs of those who may be unable to take the regular College work in domestic economy. It is arranged on the plan of the best high school courses which give a practical working knowledge of the fundamentals in the hand work of cooking and sewing. Those who are taking the regular literary course in the Academy will find these electives attractive and instructive.

Domestic Science

E, F. Food and Its Preparation—Classes and suitable methods of cooking. Planning and serving of simple meals. 2 points a semester.

Domestic Art

G, H. Elementary Sewing—A study of the simpler stitches and their application, cutting and making of underwear, waists, dresses, etc. Two double periods per semester. 2 points a semester.

Candidates for graduation in the Academy who may wish to include the domestic economy subjects in their courses and receive designation of the fact in their certificates, will be expected to complete the courses as summarized below:

First Year—	Hours		Points
English, A. B.			5.5
Fine Arts, A. B.	(4)	(4)	2.2
Ancient History, A. B.			4.4
Elective			5.5
Collaterals			

Second Year—	Hours		Points
English, C. D.			5.5
Algebra, C. D.			5.5
Fine Arts, C. D.	(4)	(4)	2.2
Elective			4.4
Collaterals			

Third Year—	Hours		Points
English, E. F.			5.5
Geometry, E. F.			5.5
Physics, A. B.	(7)	(7)	5.5
Domestic Science, E. F.	(4)	(4)	2.2
Collaterals			

Fourth Year—	Hours		Points
German, 1, 2, or			6.6
French, 1, 2			6.6
Biology, C. D.	(6)	(6)	4.4
Domestic Art, G. H.	(4)	(4)	2.2
Elective			2.2
Collaterals			

IV. Preparatory to the School of Fine and Applied Arts

The purpose of the preparatory courses is to give a thorough technical preparation for the advanced work of the College, and may be counted as an elective in all Academy courses, two hours' work being counted as one point. Drawing completed in a high school of good standing is accepted as a partial equivalent.

Fine Arts

First Year—First semester, Fine Arts A. Elementary Freehand Drawing, 2 points; second semester, Fine Arts B. Light and Shade, 2 points.

Second Year—First and second semester, Fine Arts C, D, Clay Modeling, 4 points.

A. Elementary Freehand Drawing—Elementary training in pencil drawing from groups of still life and geometric solids, simple perspective, and elementary color. First semester. (4). 2 points.

B. Light and Shade—This course offers full values in pencil, pen and ink, charcoal and monochrome from still life and casts; details of animal forms, pose sketching; introduction of water color sketching and sketching from nature. Prerequisite, Fine Arts A, or its equivalent. Second semester. (4). 2 points.

C, D. Clay Modeling, Casting and Designing—This course is designed to give a definite conception of form, useful in painting and designing. Modeling from the cast and photograph, plants, historic ornament and casting from chip and piece moulds. Prerequisite, Fine Arts B or its equivalent. Two semesters. (4). 4 points a semester.

Applied Arts

First Year—First semester. Fine Arts A, Elementary Freehand Drawing, 2 points; second semester, Fine Arts B. Light and Shade, 2 points.

Second Year—First and second semester, Projections and Working Drawings, 4 points.

A, B. Projections and Working Drawings—A course embracing the principles of projections and working drawings, introducing mechanical drawing. (4). 4 points.

C, D. Mechanical Drawing—A course in mechanical drawing, introducing principles of machine construction, intersections of solids, details and tracings. Prerequisite, A.A. A, B. (4). 4 points.

V. Preparatory Course in Commerce and Finance, and Elective Business Courses

These courses are arranged on the plan of the best commercial high schools and have in view two classes of students, those who desire the best preparation for college work in commerce and finance, and those who desire the high school training in commercial subjects preparatory to entering business employment immediately. The former do well to lay a broad foundation for future studies and defer certain subjects more completely treated in college, the latter should gain such knowledge of economic principles and the foundations of industrial welfare as is possible in the time at command. The choice of electives indicated below provides for this differentiation, and also for the needs of those who must still further limit their time of preparation for business and devote their efforts to a few practical subjects, such as penmanship, correspondence, shorthand, typewriting and bookkeeping.

Many students have found these courses suited to their need and, with the assistance which the faculty is always glad to give, have secured excellent positions. Capable and worthy young men and women are always in demand.

First Year—	Hours		Points
English, A. B.			5.5
Algebra, C. D.			5.5
History, A. B.			4.4
Penmanship, A.	(5)		3.0
Correspondence, B.	(5)		0.3

Second Year—	Hours		Points
English, C. D.			5.5
Arithmetic, A. B.			5.5
Physiography, Physiology			4.4
Bookkeeping, A. B.			5.5

Third Year—	Hours		Points
Accounting, Office Practice, C. D.			4.4
Materials of Commerce, A. B.			3.3
Electives, from the following			10.10
Stenography, A. B.	(5)	(5)	3.3
Typewriting, A. B.	(5)	(5)	3.3
Physics, A. B.	(7)	(7)	5.5
German, 1, 2, or			6.6
French, 1, 2, or			6.6
Spanish, 1, 2			6.6

Fourth Year—	Hours	Points
English, E. F.		5.5
History, E. F.		4.4
Electives from the following		8.8
Economics and Banking, E. F.		3.3
History of Commerce, C. D.		2.2
Introduction to Commerce, E. F.		3.3
Biology, C. D.	(6)	(6) 4.4
Geometry, E. F.		5.5
German, 3, 4, or		4.4
French, 3, 4, or		4.4
Spanish, 3, 4		4.4
History, C. D.		4.4

Stenography—(Gregg's Revised)—Completion of Manual, business correspondence, law correspondence, lecture reporting, court reporting.

Penmanship—Plain business writing and its application.

Typewriting—The course in typewriting consists of ten hours work per week, five hours in class under direction of the instructor and five in practice work. The touch system of typewriting is taught. The work includes instruction in the mechanism of the typewriter, cleaning, oiling, and reparing of same, a thorough mastery of the keyboard and correct fingering, word drills, sentence writing, lessons in punctuation, spelling, business forms, legal forms, addressing envelopes, folding letters, tabulating, manifolding, etc.

REGISTRY OF STUDENTS

NOTE—Many students listed as from Decatur belong to families recently coming to the city for the purpose of availing themselves of the advantages of the University. Some also thus listed are nearer other towns, but receive their mail via Decatur rural routes. No effort is made to differentiate the candidates for degrees in the different Schools below the Senior class.

GRADUATE STUDENTS

Candidates for Degrees

Master of Arts

Dale, Sarah, A.B., The James Millikin University, 1914; Modern Languages, Decatur, Ill.

*Dickey, Everett Lawrence, A.B., The James Millikin Unversity, 1910; History, Argenta, Ill.

King, Inez Naomi, B.S., Iowa Wesleyan College, 1914; Biology, Mt. Pleasant, Iowa.

Perrin, Harry Ambrose, Ph.B., University of Chicago, 1912; Education, Lincoln, Ill.

*Young, Roger, A.B., The James Millikin University, 1912; Sociology, Racine, Wis.

—5

Not Candidate for Degrees

Bragg, Lucile Margaret, A.M., The James Millikin University, 1910; Greek, Decatur, Ill.

Durfee, Lucy J., A.B., University of Michigan, 1902; English, Decatur, Ill.

Miller, Margaret Josephine, A.B., The James Millikin University, 1912; Education, Decatur, Ill.

Murphy, Adele M., A.B., Wells College, 1914; English, Decatur, Ill.

Redmon, Minnie, A.B., The James Millikin University, 1907; Zoology, Decatur, Ill.

Rice, Celestine Lurena, A.B., Oberlin College, 1901; English, Decatur, Ill.

Rosenstein, Mariam, A.B., The James Millikin University, 1914; English, Decatur, Ill.
English, Decatur, Ill.

Yarnell, Maude, A.B., The James Millikin University, 1913; Fine Arts, Decatur, Ill.

—8

UNDERGRADUATES

Seniors

Bachelor of Arts

Cannon, Paul Roberts	Decatur
Coen, Roscoe C.,	Neoga
Davis, Frank William,	Omaha
Gearish, Charles Alanson,	Hoopeston
Gelsthorp, Edna Gladdine,	Beason
Hart, Clyde William	Hillsboro
Hawver, Paul Loren,	Decatur
Horn, Mattie Virginia,	Ogden, Utah
Houghton, James Frank	Petersburg
Jenney, Ray Freeman,	Meriden, N. H.
Large, Ara Willard,	Owaneco
Lewman, Ruth Lorena,	Decatur
Long, Alex.,	Decatur
McDavid, Carroll Meridith,	Hillsboro
McDonald, Edmund Urban,	Decatur
McMennamy, Anna Ruth,	Bethany
Parkinson, Nellis Paul,	Centralia
Peterson, Harry M.,	Macedonia, Ia.
Pifer, Harry Charles,	Lovington
Prestley, Margery McFaddon,	Decatur
Russell, Corwin Eugene,	Westfield
Springer, Emerson Cash,	Newman
Stone, Mabel Gertrude,	Mattoon

Bachelor of Arts in Education

Eginton, Iris,	Westfield
McIntosh, Martha Gertrude,	Decatur
Phillips, Anna Marie,	Decatur

Bachelor of Arts in Art Education

Shaw, Ivra Clemence,	Decatur

Bachelor of Science in Commerce and Finance

Crumbaker, Clarence Charles,	Bloomington
Dallstream, Andrew John,	Hoopeston
Grundy, Charles Edwin,	Morrisonville
Hessler, Herbert Eugene,	Decatur

Bachelor of Science in Domestic Economy

Baxmeyer, Charlotte Emily,	Assumption
Conel, Nina Cornelia,	Decatur
Grady, Hazel Belle,	Maroa
Hostetler, Ruth Brooks,	Decatur
Law, Litta Marie,	Streator
Modes, Sara Voorhees,	Decatur
Pinnell, Mary,	Kansas
Rogers, Bertha Fern,	Winchester
Smith, Seva Ruth,	Carbondale
Stowell, Annie Genevieve Estelle,	Hannibal, Mo.
Wakefield, Bertha R.,	Heyworth

Bachelor of Science in Fine and Applied Arts

Meeker, Edna Jean,	Decatur

Bachelor of Science with Library Science

Davis, Edith Verna,	Decatur

Bachelor of Science in Manual Training

Dickerson, Guy Leon,	Clinton
Hoover, W. Senn,	Lovington
Wilson, F. Ewing,	Decatur

Bachelor of Science in Music

Lillich, George Otto,	Latham
McClelland, Marian Gertrude,	Decatur
Monroe, Jean Ellen,	Wheaton

—50

Junior

Bailey, Leo L.,	Boody
Bottrell, Beatrice Esther,	Decatur
Bowyer, Virginia,	Springfield
Bradford, Louise M.,	Champaign
Brawner, Harriet Elsie,	Livingston, Mont.
Brown, DeLos Hight,	Centralia
Casey, William C.,	Decatur
Combs, Mayme Edna,	Decatur
Corzine, Lena R.,	Stonington
Cowen, Joy B.,	Harristown
Douglass, Curtis R.,	Reno
Ellison, Wilbur Wallace,	Mt. Vernon
Fruit, Bessie,	Decatur
Fullenwider, Elizabeth Leah,	Mechanicsburg
Gillespie, Carolyn,	Decatur
Graybill, Leo Carlisle,	Decatur
Haggett, Lelia Lois,	Nauvoo
High, Kenneth W.,	Mattoon
Howenstine, Laura-Belle,	Decatur
Irvin, Ray,	Patoka

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*In absentia.

Irwin, Doris Elaine,	Normal
Kassebaum, Mary,	Aurora, Ind.
Lippe, Raymond Willis,	Champaign
Martin, Ella Hazel,	Decatur
Montgomery, John A.,	Greenview
Morrow, Hortense,	Newman
Morrow, Lawrence H.,	Hume
North, Florence,	El Paso
Norton, May,	Fairview
Orr, Frances Marie,	Enfield
Pinnell, Grace,	Westfield
Price, William Bayard,	Almont, Mich.
Randolph, Clara,	Alton
Rooke, Marguerite,	Chicago
Ross, Ada Esther,	Peoria
Russell, Carl,	Decatur
Shurtz, E. Judson,	Decatur
Stevenson, Helen Susan,	Decatur
Stokes, Clifford Sharp,	Edinburg
Taylor, Nellie Marie,	Chillicothe, Ohio
Tenison, Eda Marie,	Hillsboro
VanDeventer, F. Macknet,	Decatur
Walraven, George Dodge,	Centralia
Watt, Gail Juanita,	Washburn
Webber, Helen Alice,	Decatur
Wilcox, Ethel E.,	Rosemond
Williams, Gladys,	Ritchie

—47

Sophomore

Acker, Arthur Louis,	Springfield
Aird, Paul Davis,	Decatur
Austin, Margaret,	Effingham
Ayers, Eloise,	Springfield
Barnes, Earl,	Decatur
Bean, Carolyn,	Decatur
Bell, Vivian Gruelle,	Taylorville
Bergeson, Myrtle,	Earlville
Birckelbaw, Lloyd,	Bloomington
Bishop, Charles Corder,	Decatur
Brown, Lisle Reeve,	Decatur
Busbey, Lucile,	Decatur
Catlin, Joseph Henry,	Springfield
Collins, Eloise G.,	Decatur
Cox, Clarence Cyrus,	Marion
Dawson, Isabel,	Decatur
Dick, Mabel Rosa,	Arthur
Drennan, Margaret Olive,	Taylorville
Duvall, Wilbur C.,	Argenta
Fisher, Helen Margaret,	Decatur
Ford, Roscoe Aaron,	Illiopolis
Frede, Gail Louise,	Stewardson
Galloway, Elizabeth Joan,	Decatur
Gibson, Raleigh A.,	Decatur
Gregory, Emma,	Decatur
Hansen, Clarense Raymond,	Batavia
Hight, E. Wayne,	Assumption
Honeywell, Margaret,	Hoopeston
Hortin, Clara R.,	Albion
Houghton, Ralph Harnsberger,	Petersburg
Hudson, Noel Paul,	Decatur
Irwin, R. Bliss,	Decatur
Jacobsen, George Ernest,	Niantic
Jones, Arminda Artemisia,	Decatur
Kenney, Helen Louise,	Decatur
Kerney, Charlotte Wright,	Decatur
Kiick, Elmer L.,	Glidden, Ia.
Kiick, Esther V.,	Middletown
Kohler, Mary Louise,	Chicago
Kriege, Oliver Wendell,	St. Louis, Mo.
Kriege, Wilbur E.,	Edwardsville
Lamb, Robert M.,	Sturgis, Ky.
Lawson, Burtis, C.,	Springfield
Lee, Charles E.,	Decatur
Lee, William Floyd,	Sullivan
Lehman, Everett Louis,	Decatur
McDonald, Hugh M.,	Decatur
McDougle, Elizabeth,	Charleston
Magill, John Ira,	Sullivan
Martin, Gertrude Eileen,	Decatur
Miller, Marie,	Ottawa
Mills, Elinor Rachel,	Decatur
Moore, Howard,	Raymond
Munch, Mabel E.,	Decatur
Newell, Florence Aletha,	Decatur
Niedermeyer, Ada Caroline,	Decatur
Page, Henrietta,	Decatur
Price, Mary Bell	Decatur
Redmon, Martha,	Decatur
Reeder, Raymond,	Garrett
Reeter, Roy R.,	Lake City
Rice, Mary-Katherine,	Tuscola
Roth, Otto,	Stanford
Shaw, Harry Dalton,	Decatur
Shaw, Lauren Lawner,	Decatur
Snell, Lucille Helen,	Vandalia
Swanson, Paul,	Hoopeston
Tucker, Martha,	Decatur
Tucker, Samuel A.,	Decatur
Van Praag, Alex., Jr.,	Decatur
Voris, Virginia Van,	Stewardson
Wasem, Leslie F.,	Patoka
Wilson, Tyrol,	Decatur

—73

Freshman

Alexander, Albert B.,	Oakland
Ayars, Haldon B.,	Moweaqua
Bacon, Florence A.,	Boise, Ida.
Bartlett, Deral,	Decatur
Baxmeyer, Edna L.,	Assumption
Becker, Alta Mae,	Mason City
Bennett, Robert B.,	Decatur
Benson, Nelles,	Decatur
Boyd, Grace,	Decatur
Buchta, Anne M.,	Edwardsville
Burg, Harold E.,	Decatur
Caldwell, Eugene,	Havana
Canaday, Warren,	Hillsboro
Chamberlain, Clara Adaline,	Decatur
Chipps, Mabel Blanche,	Sullivan
Chittum, Stella Mae,	Sorento
Clair, Grace Louella,	Decatur
Cloyd, Margaret Mary,	Bement
Cobb, Lillian Irene,	Decatur
Cole, Evelyn,	Decatur
Colyer, Florence Elizabeth,	Catlin
Conklin, Geraldine,	New Palestine, Ind.
Curdling, Miriam Agnes,	Albion
Curry, Henry B.,	Beason
Dearth, Norma Marguerite,	Decatur
Decker, Albert,	Hoopeston
Delano, Albert Earl,	Vallonia, Ind.
Devore, Earl,	Decatur
Doocy, Helen Laura,	Pittsfield
DuBois, Marie Mildred,	Eldorado
Duvall, Anne Elizabeth,	Argenta
Eddy, Samuel,	Decatur
Ely, Gladys D.,	Mason City
Fulton, Fannie Leltilia	Athens
Gary, Ellen C.,	Wheaton
Gaskins, Edna Marguerite,	Decatur
Gilbert, Harriet Marie,	Atlanta
Gill, Lowell,	Decatur
Goodman, Thomas Monroe,	Cobden
Gordon, Lorena Verle,	Divernon
Graybill, Henrietta Sarah,	Decatur
Gruber, Paul A.,	Mt. Pulaski
Guller, Gertrude Louise,	Decatur
Hamman, Irene,	Decatur

Hardendorf, James Riley,	Ft. Wayne, Ind.
Harris, Donald Alton,	Windsor, Vt.
Hart, Mabel,	Hillsboro
Herren, Alice Julia,	Fillmore
Hesley, Karl,	Pittsfield
Horton, Bessie,	Garrett
Hurd, Pauline,	Decatur
Johnson, Hyla Vivian,	Minier
Kaufman, William T.,	Andrews, Ind.
King, Etna Irene,	Divernon
Kirby, Harold A.,	Clinton
Kuny, Orville Frederick,	Decatur
Landers, Lora,	Sullivan
Long, Fred Thomas,	Decatur
Lucas, Harold S.,	Decatur
Lucas, Lillian E.,	Decatur
McDonald, James Russell,	Decatur
McNabb, Harold Robert,	Decatur
MacWherter, Lucie,	Decatur
Major, Ralph H.,	Decatur
Maxwell, Robert Blane,	Lovington
Miller, Floyd R.,	Decatur
Miller, Helen Gladys,	Decatur
Monroe, William Rowland,	Wheaton
Norris, Minturn Guy,	Charleston
Palmer, Frances Augusta,	Decatur
Parks, Helen Louise,	Mt. Sterling
Parr, Harriet,	Decatur
Pelton, Beulah Jean,	Decatur
Penhallegon, Everett Brown,	Decatur
Powers, R. Emmet,	Decatur
Price, Arthur L,	Decatur
Reed, Richard J.,	Pontiac
Rickett, Merle Irene,	Lilly
Ricks, Ernest J.,	Iowa Falls, Ia.
Riggs, Robert,	Decatur
Riley, Grace M.,	Decatur
Robb, Harry,	Decatur
Robinson, Ruth,	New Carlisle, Ohio
Rodger, George Allen,	Decatur
Rugh, Margaret Elizabeth,	Decatur
Rybolt Edna R.,	Kenney
Schulze, Juanita,	Pinckneyville
Schwab, Clara Estella,	Decatur
Scott, Faye,	Chrisman
Seward, Ora W.,	Watseka
Shafer, Marguerite,	Decatur
Shuey, Naoma Austia,	Decatur
Shuman, Edna Mae,	El Paso
Skinner, Gersham James,	Oconee
Smith, Frieda Mae,	Decatur
Sollars, Pauline Elizabeth,	Decatur
Songer, Clyde K.,	Decatur
Steele, William Henry,	Princeton
Storm, Mabel Fern,	Morrisonville
Sturm, Bessie S.,	Rockford
Sundell, Ruby,	Kankakee
Sutherd, Calvin Eugene,	Virginia
Swope, Minnie Weaver,	Deming, N. M.
Tait, John Blair,	St. Louis, Mo.
Teague, Roland J.,	Bloomingdale, Ind.
Tenney, Adriance,	Decatur
Vertrees, Raymond,	White Hall
Waddell, Helen,	Decatur
Wallace, Roland D.,	Dale, Ind.
Whitten, Dewey,	Fillmore
Wilhoit, Sabra,	Kansas
Wise, Forest,	Macon
Williams, Oscar,	Latham
Yockey, Floyd Leland,	Decatur
Young, Nora Blanche,	Toledo
Zimmerman, Ruby Camille,	Oakland
Zimmerman, Pearl Lucille,	Oakland

—117

Fourth Year Academy

Graduating Class

Dick, Edith Mae,	Arthur
Faith, Julia,	Warrensburg
Hicks, Anna Frances,	Monticello
Hudson, George Donald,	Decatur
Kile, Milton,	Ivesdale
Rentchler, Marion D.,	Mt. Vernon
Stephenson, Floyd Stanley,	Decatur
Verner, Everett B.,	Lintner

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—8

Birks, Jenna Ruth,	Decatur

—1

Third Year Academy

Baldridge, Lois R.,	Decatur
Born, Elzie Burnest,	Lintner
Calvert, Cecil,	Palmer
Gebhart, Sybil Emily,	Decatur
Hunt, John W.,	Colchester
McClure, Bessie Grace,	Monticello
Miller, Bonnie Margaret,	Weldon
Reed, Herman,	Ashmore
Steele, Arthur Y.,	Decatur
Walsh, Stuart B.,	Macon
Wandel, Grace Taylor,	Decatur
Wilkinson, Porter Augustus,	Bethany
Wilkinson, Scott Jackson,	Bethany

—13

Second Year Academy

Bradley, Clark Howard,	Bonita, La.
Cole, Merry Mirth,	Decatur
Duncan, Donald Kenneth,	Lintner
Freland, Mamie Mayes,	Dalton City
Grimm, Doris,	Decatur
Hawkyard, Lora Camille,	Warrensburg
Long, John F.,	Harristown
Zimmerman, Dwight Jacob,	Ashmore

—8

First Year Academy

Barracks, William Wallace,	Tuscola
Crinigan, James,	Ivesdale
Peadro, Roy F.,	Sullivan
Pogue, Mabel Leona,	Findlay
Smith, Elsie Lucile,	Blue Mound
Taylor, Elmer A.,	Decatur

Special Students

The following list includes unclassified students of College or Academy rank, carrying one or more subjects.

Commerce and Finance

Crosier, Arthur Boone,	Beloit, Wis.
Gile, Kendrick O.,	Decatur

—2

Domestic Art

Culver, Cora Louise,	Athens
Divan, Worthy Jean,	Decatur
Keck, Elba Elizabeth,	Decatur
Mathes, Georgia,	Charleston
Schneider, Esther Frederica,	Urbana

—5

Domestic Economy

Law, Myrtle Elizabeth,	Decatur
Mays, Eva Marian,	Decatur
Windsor, Carolee,	Mt. Auburn

—3

Domestic Science

Barteau, Julia Lucile,	Decatur
Gunning, Grace Agnes,	Decatur

—2

Education

Foucht, Edna L.,	Rutland
Lafferty, Charlotte,	Martinsville
Pforr, Nora,	Charleston

—3

Engineering

Elwood, Daniel Henry,	Decatur

—1

English

Bachman, Ella Niles,	Decatur
Bacon, Eugenie M.,	Decatur
Barry, Susanna,	Decatur
Craig, Estelle,	Maroa
Johnston, Dessie Newcomb,	Decatur
Lavery, Ruth Aileen	Decatur
Martin, Maud,	Decatur
Mitchell, Dess L.,	Marion
Sturges, Effie D.,	Decatur
Trumble, Anna C.,	Douglas, Mich.
Tuttle, Willetta,	Decatur
Vigles, Maude E.,	Decatur

—12

Fine and Applied Arts

Buckmaster, Mabel Marcella,	Decatur
Colby, Ethel ,	Decatur
Downey, Fay,	Decatur
Edgar, Gertrude,	Decatur
Lewis, Lelia O. S.,	Decatur
Manning, Hazel,	Decatur
Mills, Jennie H.,	Decatur
Pallardy, Sumner,	Clayton
Pemble, Carl Marshall	Decatur
Schaub, Pearl Winifred,	Decatur
Smith, Georgia A.,	Girard
Smith, Maude,	Jacksonville

—12

Liberal Arts

Coffman, Florence,	Weldon

—1

Manual Training

Burks, Arthur Wesley,	Decatur
Chynoweth, Ray I.,	Macon
Collins, Guy,	Garrett
Kinkade, Arthur,	Decatur
Knisley, Andrew A.,	Decatur
Milliren, Donald W.,	Pepin, Wis.
Sawyer, Ray G.,	Decatur
Smith, Ada Mae,	Clinton
Smith, Bessie,	Clinton
Stout, Samuel C.,	Mahomet
Welch, Robert Louis,	Oconee

—11

Conservatory of Music

Practic Courses

Piano

Graduate

McNabb, Anna Whitmer,	Decatur
Olinger, Lucile Marjory,	Franklin
Shastid, Mary Margaret,	Pittsfield

—3

Collegiate

Armstrong, Eugenia Moore,	Taylorville
Ayres, Eloise,	Springfield
Booth, Melba Antoinette,	Decatur
Bunn, Marian Elizabeth,	Decatur
Cade, Harriette Louise,	Centralia
Cannon, Cleo Celeste,	Decatur
Chambers, Margaret,	New Holland
Chittum, Stella Mae,	Sorento
Dewhirst, Oscarine,	Farmer City
Eddy, Zora Velma,	Decatur
Field, Harriette Irene,	Clinton
Fisher, Ollie May,	Milmine
Fitch, Erma Mae	Greenup
Foucht, Edna Leona,	Rutland
Freeland, Mamie Mayes,	Dalton City
Gragg, Mary A,	Stonington
Green, Fredarieka,	Morrisonville
Greene, Lois,	Coweta, Okla.
Gregory, Lois,	Decatur
Gross, Julia K.,	Atwood
Herren, Alice Julia,	Fillmore
Hubbart, Faith Iris,	Macon
Huffcutt, Leagretta Helen,	Mattoon
Ingham, Helen,	Clinton
Jacobs, Eloise E.,	Kewanee
Lewman, Doris Mary,	Decatur
McClanahan, June Irene,	Forrest
Marvin, Bessie Fern,	Bement
Massey, Mary Belle,	Decatur
Mattocks, Ruth,	Oakland
Mikels, Alta A.,	Cerro Gordo
Moeller, Helen Adele,	Decatur
Moffett, Wilna,	Decatur
Monroe, Jean Ellen,	Wheaton
Muir, Ruth Lucile,	Decatur
Petty, Zella Marie,	Decatur
Randolph, Stella,	Green Valley
Rodgers, Norma Kathleen,	Decatur
Rose, Edith Belle,	Bement
Smith, Helen Kathryn,	McNabb
Spaeth, Augusta,	Decatur
Stamets, Esther,	Springfield
Trimmer, Ora,	Decatur
Wasson, Iva Ingersoll,	Decatur
Willard, Margaret Wallace,	Shelbyville
Willis, Florence,	Decatur
Young, Mary Elizabeth	Ashland, Oregon

—47

Academic

Abel, Ruth Virginia,	Decatur
Adela, Sister	Ivesdale
Alward, Lenore,	Decatur
Atchison, Florence,	Lovington
Atlass, Beatrice,	Decatur
Atteberry, Effie,	Assumption
Augustine, Lucy,	Decatur
Ayars, Haldon B.,	Moweaqua
Bachman, Henrietta C.,	Decatur
Bailey, Edna Violet,	Effingham
Baker, Blanche,	Moweaqua
Baker, Oma Maye,	Sullivan
Baldridge, Janice,	Decatur
Baldridge, Lois,	Decatur
Barbey, Bernice,	Decatur
Bartlett, Mary Janette,	Morrisonville
Bassler, Alma Ruth,	Decatur
Bauer, Mirah,	Macon
Beall, Helen Augusta,	Niantic
Bean, Helen,	Decatur
Becker, Alta Mae,	Mason City
Birks, Jenna Ruth,	Latham
Bohlen, Helen,	Moweaqua
Bolin, Margaret Susan,	Humbolt
Britton, Nina Louise	Mt. Zion
Claire, Grace Louella,	Decatur
Clements, Sallye,	Stonington
Coulson, Ione Eunice,	Decatur
Cox, Mabel E.,	Decatur
Crinigan, James,	Decatur
Cripe, Mabel Claire,	Cerro Gordo
Cross, Elma,	Weldon
Culver, Cora Louise,	Athens
Davis, Charlotte,	Decatur
Dawdy, Ruby Louise,	Bruce
Dawson, Roger,	Decatur

Dewees, Beulah,	Gossett
Doyle, Ethel Ann,	Decatur
East, Florence Mildred,	Cerro Gordo
Estes, Clara,	Mattoon
Evans, Beulah,	Decatur
Fisher, Minnie June,	Decatur
Fortner, Beatrice,	Decatur
Fuller, Bessie Ellada,	Farmer City
Fulton, Fannie Letitia,	Athens
Glazebrook, Vera,	Decatur
Glessner, Harold,	Decatur
Goltra, Ina,	Decatur
Gregory, Emma,	Decatur
Gregory, Mary Geneva,	Outten
Grimsley, Agnes Margaret,	Decatur
Grundy, Charles Edwin,	Morrisonville
Gunning, Grace,	Decatur
Hawkyard, Camille,	Warrensburg
Hirt, Latta Manola,	Lovington
Holicr, Mollie,	Weldon
Hoots, Mary,	Cerro Gordo
Hopkins, Clifton,	Casner
Hutchison, Ersa,	Farmer City
Ibison, Mamie,	Macon
Jacobs, Velma,	Kewanee
Johnson, Lena Gilbert,	Decatur
Kennedy, Bessie Beryle,	Dalton City
Kerney, Charlotte Wright,	Decatur
Kile, Milton Ellsworth,	Ivesdale
Kingston, Harvey,	Weldon
Kingston, Irene,	Decatur
Kirk, Josephine,	Decatur
Kuny, Frances,	Decatur
Landers, Ethel Lora,	Sullivan
Lehman, Mae Pearl,	Long Creek
Leonard, Helen Elizabeth,	Decatur
Lillich, Pauline,	Decatur
Lohrmann, Erma,	Decatur
Lynam, Isabella,	Decatur
McAmis, Robert F.,	Decatur
Merris, Helen Frances,	Oakley
Miller, Maude Annas,	Waverly
Myers, Mildred Esther,	Decatur
Nice, Dean Earl,	Kenney
Orr, Edna Belle,	Decatur
Parks, Lucile,	Niantic
Phillis, Gertrude,	Decatur
Phillis, Gladys,	Decatur
Picker, Rita,	Assumption
Pinkston, Fern.	Moweaqua
Pogue, Zelma Carnation,	Findlay
Powell, Eva,	Dalton City
Rentschler, Marion,	Mt. Vernon
Rice, Mary Katherine,	Tuscola
Rickett, Merle Irene,	Lilly
Schien, Vera,	Clinton
Schmith, Aurora,	Clinton
Schneider, Esther,	Urbana
Schultz, Juanita Elizabeth,	Pinckneyville
Scott, Faye,	Chrisman
Shafer, Edith,	Weldon
Shafer, Maurita,	Decatur
Slatten, Gladys,	Taylorville
Sleeter, Bertha Pauline,	Decatur
Smith, Elsie Lucile,	Blue Mound
Smith, Laura Ethel,	Indianola
Smith, Ruby Pearl,	Walshville
Spannagel, Elsie Oka,	Strasburg
Starr, Grace,	Decatur
Stewart, Myrtle E.,	Decatur
Sturm, Bessie Salome,	Rockford
Swope, Minnie Weaver,	Deming, N. Mex.
Traughber, Marie,	Mt. Zion
Veech, Loyd Myers,	Long Creek

Wasson, Lois,	Decatur
Webber, Helen,	Decatur
Weidman, Margery,	Decatur
Wiggins, Pernia,	Cisco
Wikoff, Fleta,	Maroa
Winings, Florence Esther,	Arthur
Witte, Bertha,	Pekin
Wood, Elsie Mabel,	Decatur
Zimmerman, Ruby,	Oakland

—119

Elementary

Acton, Erma,	Decatur
Adams, Jean,	Decatur
Ammann, Margaret,	Decatur
Armstrong, Robert,	Decatur
Ater, Gladys,	Decatur
Atkinson, Maurice,	Decatur
Augustine, Mary Ellen,	Decatur
Baldwin, Mary Virginia,	Decatur
Batchelder, Grant,	Decatur
Batchelder, Lucile Virginia,	Decatur
Beard, Dorothy,	Decatur
Beard, Louise,	Decatur
Bergen, James McElroy,	Springfield
Blenz, Anna Helen,	Decatur
Boruff, Mildred,	Decatur
Boyer, Dorothy Gibson,	Decatur
Broyles, Grace,	Hammond
Burke, Mildred,	Decatur
Calvert, Cecil,	Decatur
Cantrell, Ruth,	Decatur
Cochennour, Reuel,	Decatur
Collins, Doris Beatrice,	Decatur
Collins, Helen May,	Decatur
Cope, Thelma,	Decatur
Cox, Katherine,	Decatur
Cunningham, Lucile,	Tuscola
Deetz, Hazel Bernice,	Decatur
Deetz, Thelma Arlene,	Decatur
Dickey, John,	Decatur
Dixon, Harry,	Decatur
Donahue, Ruth,	Decatur
Drennan, Dorothy,	Decatur
DuMond, James,	Decatur
DuMond, Merritt,	Decatur
Ebert, Esther,	Decatur
English, Frank C.,	Decatur
Ennis, Opal,	Cisco
Epping, Jewel,	Decatur
Epping, Louise,	Decatur
Evans, Maurine,	Hammond
Evans, Paul,	Decatur
Fearing, Doris,	Decatur
Fisher, Dorothy,	Decatur
Frantz, Vivian,	Hammond
Garver, Marguerite,	Decatur
Garver, Robert,	Decatur
Greene, Anna L.,	Decatur
Greening, Ruth,	Decatur
Grimsley, Ella Winona,	Decatur
Hamman, Ruth J.,	Decatur
Hardbarger, Anna Lois,	Mt. Auburn
Hardy, Mary Alice,	Mt. Auburn
Henry, Clara E.,	Decatur
Henry, Mary L.,	Decatur
Herron, Faye,	Decatur
Hill, Helen Russell,	Casner
Hill, Thelma,	Decatur
Hinkle, LaVerne,	Decatur
Hockaday, Helen,	Decatur
Holben, Geraldine,	Mt. Auburn
Hopkins, Omer,	Decatur
Hugenberger, Denise,	Decatur
Irving, Edwina,	Decatur

Jamison, Edward,	Decatur
Jamison, Louise,	Decatur
Kemp, Donald C.,	Decatur
Kemp, Nellie May,	Decatur
Kinkade, Hazel Mae,	Decatur
Kizer, Dorothy,	Hammond
Kunzelman, Agnes,	Decatur
Landsman, Nelson,	Decatur
Leonard, Catherine,	Decatur
Lewis, Charles Corwin,	Decatur
Lipscomb, Virginia,	Decatur
Lobenstein, Arthur Jerome,	Decatur
Lobenstein, Helen,	Decatur
Lowe, Helen Audrey,	Decatur
Lowry, Maurine,	Hammond
Lucas, Lillian,	Decatur
Lupton, Perley,	Lake City
March, Ruth L.,	Decatur
Mays, Eva Marian,	Decatur
Mills, William,	Decatur
Moberly, Louis,	Hammond
Mueller, Lenore,	Decatur
Mulberry, Dorothy Maye,	Mt. Auburn
Mulberry, Frances Hardy,	Mt. Auburn
Newton, Dorothy,	Decatur
Palmer, Mildred,	Decatur
Palmer, Ramona,	Decatur
Patterson, Beulah,	Decatur
Peek, Leannah,	Decatur
Pinkney, Kathryn,	Decatur
Post, Frances,	Decatur
Quickel, Edna,	Decatur
Quickel, Lucile,	Decatur
Rattan, Adele,	Decatur
Ray, Louise,	Decatur
Record, Grace,	Decatur
Robinson, Helen Alice,	Decatur
Rouch, Frank,	Decatur
Sanner, Nora,	Moweaqua
Shafer, Virginia,	Decatur
Shaw, Leslie,	Decatur
Sheibly, Bernard,	Decatur
Shepherd, Oneida,	Decatur
Shirk, Edwin,	Decatur
Sleeter, Mildred Clara,	Waterloo, Ia.
Smock, Maxine Pogue,	Decatur
Strickland, Iva May,	Decatur
Swarthout, Rassele,	Decatur
Tankersley, Helen,	Decatur
Thomas, Lynas,	Decatur
Traughber, Lucile,	Macon
Traxler, Flossie,	Hammond
Veech, George Lewis,	Long Creek
Walden, Ruth,	Decatur
Wallace, Leonard,	Decatur
Weber, Marie,	Decatur
West, Dorothy,	Decatur
Whitmer, Doris Eileen,	Decatur
Wiswell, Muriel Winter,	Mt. Auburn
Wood, Grace Bernice,	Cerro Gordo
Wood, Josephine,	Lovington
Wood, Margaret	Decatur
Young, Marie,	Decatur
Young, Minna,	Decatur

—127

Voice

Collegiate

Barnes, Eleanor,	Decatur
Bell, Ava Lucinda,	Decatur
Brown, Ethel,	Decatur
Bucher, Eloise,	Urbana, Ohio
Burnett, Ethel Elizabeth,	Decatur
Busher, W. Curtis,	Decatur
Cade, Harriette Louise,	Centralia
Cole, Harold Arthur,	Portersville, Cal
Cope, Elizabeth,	Decatur
Crossman, Ruth,	Harristown
Eddy, William,	Shelbyville
Fesler, Edna,	Decatur
Field, Harriette Irene,	Clinton
Freyburger, Verl,	Decatur
Green, Fredarieka,	Morrisonville
Hawver, Paul,	Decatur
Hill, Lemira,	Lincoln
MacAdams, Fay,	St. Louis, Mo.
McClelland, Marian,	Decatur
Millikin, Pauline,	Decatur
Olsen, Rachel,	Clinton
Patton, Fay,	Decatur
Powers, Myra Giles,	Decatur
Ridgly, Edith,	Decatur
Wasson, Lois,	Decatur

—25

Academic

Arbogast, Aileen,	Clinton
Atchison, Florence,	Lovington
Bailey, Edna Violet,	Effingham
Bartlett, Mary Janette,	Morrisonville
Baumann, Grace Birdilia,	Milmine
Bean, John Mason,	Decatur
Bloomquist, Harry,	Decatur
Bowles, Marjorie,	Los Angeles, Cal.
Camp, Marie S.,	Bement
Campbell, Grace Minnie,	Decatur
Clapper, Mary Frances,	Moweaqua
Corzine, Elizabeth,	Assumption
Corzine, Lena,	Stonington
Cronin, Clara,	Assumption
Culver, Cora Louise,	Athens
Davis, Frank W.,	Omaha
Davis, Harry Edward,	Olney
Doyle, Ethel A.,	Decatur
Doyle, Robert R.,	Decatur
Durning, Orville,	Mt. Zion
East, Olive Winifred,	Cerro Gordo
Ely, Gladys,	Mason City
Entler, Emily,	Decatur
Faith, Julia,	Warrensburg
Fesler, Glen D.,	Decatur
Fisk, Sylvia,	Mt. Zion
Ford, Roscoe A.,	Illiopolis
Foster, Virginia,	Decatur
Foucht, Edna Leona,	Rutland
Fuller, Bessie Ellada,	Farmer City
Gaskins, Josephine,	Decatur
Gebhart, Sybil,	Decatur
Gragg, Mary A.,	Stonington
Greene, Lois,	Coweta, Okla.
Gushard, Geraldine,	Decatur
Hart, Clyde,	Hillsboro
Hawkyard, Camille,	Warrensburg
Henderson, Floye,	Mt. Auburn
Herren, Alice Julia,	Fillmore
Houghton, Ralph H.,	Petersburg
Ibison, Mamie,	Macon
Keusink, Lena,	Decatur
Kimball, Bonnie,	Decatur
Kingston, Ida,	Weldon
Kirk, Josephine,	Decatur
Le Forgee, Valette,	Decatur
Lewis, Lelia,	Decatur
Lucas, Harold S.,	Decatur
McClanahan, June Irene,	Forrest
MacWherter, W. Kyle,	Decatur
May, Fred,	Mt. Zion
Miller, Maude Annas,	Bement
Miller, Walter,	Cisco
Moeller, Helen Adele,	Decatur

Moffett, Elizabeth,	Decatur
O'Heren, Eileen,	Decatur
Oldham, Constance,	Decatur
Oliphant, Winifred A.,	Decatur
Patterson, Maree,	Clinton
Peadro, Ray F.,	Decatur
Pinnell, Grace,	Westfield
Platt, Fay Burks,	Decatur
Platt, Alfred,	Decatur
Price, Neil,	Almont, Mich
Randolph, Stella,	Green Valley
Reeves, Ella,	Ivesdale
Rice, Mary Katherine,	Tuscola
Rodgers, Norma Kathleen,	Decatur
Roney, Mabelle F.,	Dalton City
Schien, Vera,	Clinton
Schmith, Aurora,	Clinton
Shastid, Mary Margaret,	Pittsfield
Sleeter, Lillie,	Decatur
Smith, Helen Kathryn,	McNabb
Snyder, Lucia C.,	Moweaqua
Spayne, Margaret,	Decatur
Stewart, Myrtle E.,	Decatur
Swope, Minnie Weaver,	Deming, N. Mex.
Symonds, Mary E.,	Carthage
Taylor, Elmer Athens,	Decatur
Tewell, Myrtle,	Decatur
Vallow, Grace,	Clinton
Wand, Fairy,	Decatur
Wandel, Grace	Decatur
Weidner, Diamond Thelma,	Bethany
Wheeler, Mary,	Cerro Gordo
Wikoff, Forest,	Decatur
Willard, Ruth,	Decatur
Wilson, Tyrol,	Decatur
Yondorf, Hazel,	Decatur
Young, Mary Elizabeth,	Ashland, Oregon

—91

Elementary

Adams, Paul	Decatur
Ater, Gladys,	Decatur
Baumgardner, Georgia,	Decatur
Bingamon, Danie,	Decatur
Bowman, George,	Decatur
Cunningham, Lucile,	Tuscola
Dawson, Isabel,	Decatur
DeLaughter, Matilda,	Decatur
Ennie, Opal,	Cisco
Grubbs, Mabel Sylvia,	Decatur
Hornback, Helen,	Decatur
Schneider, Esther,	Urbana
Schulz, Anna,	Bloomington
Shawhan, Lucy May,	Decatur
Smith, Laura Ethel,	Indianola
Wheeler, Leota,	Decatur

—16

Violin

Graduate

Lavery, Ruth,	Decatur

—1

Academic

Aiken, Fred,	Decatur
Barnes, Leta,	Kenney
Bonifield, Alice,	Decatur
Clapper, Frances,	Moweaqua
Cowen, Nira Elizabeth,	Harristown
Doyle, Blanche Gleason,	Decatur
Durning, Helen,	Mt. Zion
Elmore, Floyd,	Tuscola
Ibison, Charles,	Macon
James, Hazel,	Clinton
Jenkins, Sylvia,	Clinton
McNabb, Margaret,	Decatur
Redempta, Sister,	Decatur
Stewart, Louis,	Decatur
Troster, Mae,	Maroa
Watt, Gail,	Washburn

—16

Elementary

Bailey, Myrtle,	Boody
Bear, Louise,	Decatur
Berry, Anna,	Mt. Zion
Graybill, Roland,	Decatur
Hinton, James K.,	Decatur
Kniple, Beulah,	Macon
Mitchell, Virginia,	Decatur
Shepherd, Irene,	Decatur
Smith, Naomi,	Decatur
Swope, Minnie Weaver,	Deming, N. Mex.
Wilson, Winifred,	Dexter, Mich.

—11

Pipe Organ

Collegiate

Lillich, George,	Latham
Olinger, Lucile,	Franklin

—2

Academic

Bartlett, Mary Janette,	Morrisonville
Field, Harriette Irene,	Clinton
Greene, Lois,	Coweta, Okla.
Hill, Fannie,	St. Louis, Mo.
Petty, Zella,	Decatur

—5

Clarinet

Jacobs, Velma,	Kewanee

—1

Cello

Rickard, Lola,	Macon

—1

Classes in Theoretic, Scientific and Historic Courses

Summary of students who take regular class work in the subjects indicated in addition to work in practic music subjects:

Harmony	104
Musical Form and Analysis	12
History of Music	29
Ear Training	102
Piano Teachers' Training	26
Psychology of Music	16
Public School Music Methods	7
Piano Technic Classes	35
Counterpoint	3
Vocal Diction	3
Solfeggio	38
Ensemble	12
	297

SUMMARY OF ATTENDANCE

College:							
Graduates							
Candidates for Degrees			5				
Not Candidates for Degrees			8	13			
Seniors				50			
Juniors				47			
Sophomores				73			
Freshmen				117			
Specials							
Commerce and Finance			2				
Domestic Art			3				
Education			3				
English			9				
Fine and Applied Arts			4				
Manual Training			7	28	328		
Academy:							
Fourth Year				9			
Third Year				13			
Second Year				8			
First Year				6			
Specials							
Domestic Art			2				
Domestic Economy			3				
Domestic Science			2				
Engineering			1				
English			3				
Fine and Applied Arts			8				
Liberal Arts			1				
Manual Training			4	24	60	388	
Unclassified Agricultural, six weeks course						18	406
Conservatory of Music: *Practic Courses:*							
Private							
Piano	*3	*47	*119	*127	296		
Voice		25	91	16	132		
Violin	1		16	11	28		
Pipe-Organ		2	5		7		
Cello			1		1		
Clarinet			1		1	465	
Class							
Choral					60		
Orchestral					18	78	
Theoretic, Scientific, Historic, Public Schoool Music, and Teachers Training Courses:							
Private					59		
Class					297	356	
						899	
Less Duplicates Choral, Orchestral, Theoretical, etc.						473	426
							832
Less enrolled also in Conservatory of Music							43
Total Enrollment							789

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*Graduate, Collegiate, Academic and Elementary courses respectively.

THE ALUMNI

NOTE—The graduates of the institution will confer a favor on us by promptly notifying the office of changes in their location or business.

Officers of the Association

Rev. Charles F. Record, President, Centralia, Ill.
Miss Helen Elizabeth Mills, Vice-President, Decatur, Ill.
Miss Blanche Redmon, Secretary and Treasurer, Decatur, Ill.

Edgar H. Allen, B.S. in Commerce and Finance, 1912, Student Law School, University of Chicago, Chicago, Ill.
Cecile Allentharp, B.S. with Library Science, 1910, Teacher, Tie Siding, Wyo.
Viola May Ameling, B.S. in Domestic Economy, 1913, Decatur, Ill.
Erma Clark Anderson, B.S. in Fine and Applied Arts, 1909, Decatur, Ill.
Bessie Armstrong, B.S. in Domestic Economy, 1910, (Mrs. P. J. Dean) Hays, Kans.
Goldia Atherton, B.S. in Fine and Applied Arts, 1909, Teacher History and Drawing, High School, Lovington, Ill.
Golda Mae Atlass, A.B., 1905 (Mrs. Isador A. Wallins) Decatur, Ill.
Jessie Corita Ayres, A.B., 1913, Telegraph Operator, New Lenox, Ill.
Hila Augusta Ayres, A.B., 1914, Teacher Mathematics and Science, High School, Virden, Ill.
Alice A. Baker, A.B., 1905, (Mrs. Forrest File) Decatur, Ill.
Emma L. Baker, B.S. with Pedagogy, 1905, Teacher Keramics, Decatur, Ill.
Mary Frances Baker, A.B., 1912 (Mrs. Ernest Primm) Tallula, Ill.
William Hail Banfill, A.B., 1909, Bushnell, Ill.
Ellis Edwin Bankson, B.S. in Civil Engineering, 1907, Lecturer Civil Engineering, University of Manitoba, Winnipeg, Canada.
Herbert O. Barnes, A.B., 1909, Teacher Mathematics, High School, Springfield, Ill.
Ralph S. Bauer, A.M., 1906, Professor Law, John B. Stetson University, De Land, Fla.
Viola M. Bell, B. S. in Domestic Economy, 1911, Teacher Domestic Science, Public Schools, Pana, Ill.
William H. Bell, B.S. in Commerce and Finance, 1909, City Passenger Agent, Soo Lines, Chicago, Ill.
Ora Endes Bellamy, A.B., 1909, Decatur, Ill.
Orris Bennett, B.S. in Commerce and Finance, 1907, Lawyer, Wichita, Kans.
Esther Lou Bergen, A.B., 1913, Teacher Languages, Farragut County High School, Concord, Tenn.
Ruth Bicknell, A.B., 1908, (Mrs. Edgar Walker) Decatur, Ill.
Bessie B. A. Bishop, B.S. in Domestic Economy, 1914, Instructor Domestic Science, Decatur College and Industrial School.
Helen Adelia Bishop, B.S. in Domestic Economy, 1909, Teacher in Domestic Science, National School of Domestic Art and Science, Washington, D. C.
Bonnie R. Blackburn, A.B., 1908, Associate Professor Modern Languages, Decatur College and Industrial School.
Mary Madge Blake, B.S. in Domestic Economy, 1912, (Mrs. Robert A. Miller) Decatur, Ill.
A. Keach Bone, A.B., 1907, Farmer, Petersburg, Ill.
Alice Roberta Bone, A.B., 1909, (Mrs. Earl J. Hurie) Petersburg, Ill.
Wesley Kenneth Bone, A.B., 1910, Principal Rock Creek School, Petersburg, Ill.
Edith Ward Bowyer, A.B., 1911, Deceased.

Anne Morris Boyd, A.B. with Library Science, 1906, Librarian, State Normal School, Whitewater, Wis.

Bounita Boyd, A.B., 1910, Teacher Latin and English, High School, Lovington, Ill.

Lucile Margaret Bragg, A.B., 1909; A.M., 1910; Recorder and Instructor Latin, Decatur College and Industrial School.

Nina May Brecount, B.S. with Library Science, 1913, Teacher English and Librarian, High School, Sommerset, Ky.

Ward Joseph Bricker, A.B., 1909, Farmer, Argenta, Ill.

Leo R. Brown, B.S. in Commerce and Finance, 1911, Assistant to Superintendent, Review Printing & Stationery Co., Decatur, Ill.

Lois Adeline Browne, A. B., 1912, Teacher English, Union Academy, Anna, Ill.

Earle R. Bryant, A.B., 1906, A.M., 1910, Professor Biology, Muskingum College, New Concord, Ohio.

Estella Esther Bryant, A.B. with Library Science, 1906, Assistant Pastor, Second Presbyterian Church, Decatur, Ill.

Bertie H. Buck, B. S. in Civil Engineering, 1911, Civil Engineer, Bogalusa, La.

Isabel Bumgarner, A.B., 1907, (Mrs. Verne R. Ross) Covina, Cal.

M. Ethel Bumgarner, A.B., 1907, (Mrs. Ralph Mills) Seoul, Korea.

Mary Edna Burgess, B.S. in Domestic Economy, 1909, Presbyterian Missionary, Urumiah, Persia.

Mary Ellen Carroll, A.B., 1911, Teacher Geometry and Latin, High School, Decatur, Ill.

Maude Carter, B.S. in Fine and Applied Arts, 1909, (Mrs. Arthur Meyer) Teacher Public Schools, Decatur, Ill.

Ella May Cockrell, B.S. with Pedagagy, 1906, A.M., 1907, Teacher Latin and English, High School, Prophetstown, Ill.

Cora Steele Cockrum, A.B., 1910, Teacher Latin and History, High School, King City, Mo.

Eugene Starr Cole, B.S. in Commerce and Finance, 1908, Assistant Auditor, Illinois Traction Co., Champaign, Ill.

Jesse L. Conel, A.B., 1912, Graduate Assistant in Zoology, University of Illinois, Urbana, Ill.

Lottie B. Cook, A.B., 1912, Teacher English, High School, Atwood, Ill.

Norma Louise Council, A.B., 1912, (Mrs. Fred O'Bannon) Greenville, Miss.

Cecil Cox, B.S. in Commerce and Finance, 1910, Decatur, Ill.

Clarence Charles Crumbaker, B. S. in Commerce and Finance, 1914, with Morgan Bond House, Chicago, Ill.

William Leslie Crow, A.M., 1914, Principal High School, Falls City, Neb.

Frank R. Culp, B.S. in Electrical Engineering, 1909, with General Electric Co., Schnectady, N. Y.

Lucy Alice Curtis, B.S. with Library Science, 1912, Library Assistant John Crerar Library, Chicago, Ill.

Sarah Dale, A.B., 1914, Instructor Modern Languages, Decatur College and Industrial School.

Junius Earl Dappert, B.S. in Electrical Engineering, 1907, Manager Middle West Utilities Co., Colgate, Okla.

Hubert Kershaw Davenport, B.S. in Civil Engineering, 1909, Fruit Grower, Hood River, Ore.

John Wesley Davidson, B.S. in Civil Engineering, 1907, Civil Engineer, Hot Springs, Ark.

Edna Emma Davis, A.B., 1913, Teacher Public Schools, Decatur, Ill.

Lelah Bell Davis, A.B., 1914, Decatur, Ill.

Ilda Josephine Dearth, B.S. with Library Science, 1911, (Mrs. A. C. Boyd) Chicago, Ill.

Lulalou DeGroat, A.B., 1908, Teacher German, High School, New Britain, Conn.

Alice Natalie Dempsey, A.B., 1909, Teacher Mathematics, High School, Decatur, Ill.

Jessie Maude DePuy, B.S. with Pedagogy, 1907, Raven, Ill.

Everett Lawrence Dickey, A.B., 1910, Superintendent Schools, Argenta, Ill.

Ida Odessa Diller, A.B., 1907, (Mrs. Charles F. Record) Centralia, Ill.

Edwin W. Doran, A.M. with Pedagogy, 1906. Lawyer, Shreveport, La.

Sophia M. Drobisch, A.B., 1914, Teacher Public Schools, Decatur, Ill.

Archibald Taylor Dunn, B.S. in Commerce and Finance, 1913, Farmer, Virginia, Ill.

Bertha E. Eaton, A.B., 1908, A.M., 1909, Decatur, Ill.

Mabel Kent Edmunson, A.B., 1913, Teacher Latin and German, High School, Hindsboro, Ill.

Zeldra Edwards, B.S. in Fine and Applied Arts, 1912, (Mrs. Harry E. Ehrhart) Redvale, Colo.

Mary Louise Elder, A.B., 1909, Albany, Ga.

Frances Fell, A.B., 1908, Teacher English and Latin, High School, Rockford, Ill.

Jessie Lavina Ferguson, A.B. with Library Science, 1907, Librarian, Ferry Hall, Lake Forest, Ill.

Ella Hope Finfrock, A.B., 1907, A.M. 1908, Teacher German, etc., High School, Houston Heights, Texas.

Fay Lynton Fisher, A.B., 1914, Scholar in German, University of Illinois, Champaign, Ill.

Clarence Hubert Flegel, B.S. in Commerce and Finance, 1910, Student Law School, University of Michigan, Ann Arbor, Mich.

Margaret Verl Freyburger, A.B., 1914, Teacher Languages and Music, High School, Bethany, Ill.

Bessie A. Gilman, B.S. with Library Science, 1911, Warrensburg, Ill.

Blanche Good, A.B., 1910, (Mrs. Oscar Brown) Dixon, Ill.

Daniel Gray, A.B., 1913, Teacher Rural School, Argenta, Ill.

Harry Fielding Hadley, A.B., 1911, State Food Inspector, Vermillion, S. D.

Clarence E. Hall, B.S. in Commerce and Finance, 1911, with Hall Bros., Clothiers, Decatur, Ill.

James Harvey Hall, B.S. in Commerce and Finance, 1914, Teacher Commercial Subjects, High School, Decatur, Ill.

Blanche Hamilton, B.S. with Library Science, 1911, (Mrs. Frank Housman) Twin Falls, Idaho.

Roy M. Hamilton, B.S. in Commerce and Finance, 1910, Ranchman, Twin Falls, Idaho.

Mary Edith Hampton, B.S. with Library Science, 1912, (Mrs. Harry B. Munch) Rocky Ford, Colo.

Jesse Harold Hampton, A.B., 1911, Advertising Solicitor, Illinois State Journal, Springfield, Ill.

Irene Handlin, B.S., in Fine and Applied Arts, 1907, (Mrs. W. H. Duerr) Decatur, Ill.

Charles H. Hartwig, A.B., 1909, Medical Student Leland Stanford, Jr., University, Stanford University, Cal.

Carl. I. Head, B.S. in Mechanical Engineering, 1911, Acting Professor of Mechanical and Electrical Enginering, Decatur College and Industrial School.

Alice Pryor Henderson, A.B., 1911, Teacher English, High School, Clinton, Ill.

William Franklin Henderson, A.B., 1914, Instructor Chemistry, Decatur College and Industrial School.

Margaret Constance Hessler, A.B., 1914, Teacher Science, High School, Clinton, Ill.

Alice Irene Hicks, A.B., 1914, Teacher Domestic Science, Allison James School, Santa Fe, New Mexico.

Everett Hodge, B.S. in Commerce and Finance, 1910, with Millikin National Bank, Decatur, Ill.

Cyrus Hersell Hoggatt, B.S. in Commerce and Finance, 1908, Teacher Commercial Subjects, Central Y. M. C. A., Pittsburgh, Pa.

Corinne Painter Holcomb (Mrs), A.B., 1912, Decatur, Ill.

William B. Holmes, B.S. in Commerce and Finance, 1913, Real Estate and Insurance Business, Decatur, Ill.

Ellis Herndon Hudson, A.B., 1911, Teacher Science, Blackburn College, Carlinville, Ill.

Harris Gary Hudson, A.B., 1909, Teacher History, High School, Decatur, Ill.

Harry N. Humphrey, A.B., 1907, Stockman, Le Roy, Ill.

Chester B. Hyde, A.B., 1909, Farmer, Malta, Mont.

Alta Eloise Irwin, A.B., 1914, Teacher Public Schools, Normal, Ill.

Walter Isaacs, B.S. in Fine and Applied Arts, 1909, Teacher Art, State Teachers' College, Greeley, Colo.

Bessie Louella Jacobsen, A.B., 1914, Niantic, Ill.

Sarah Augusta Jacobsen, A.B., 1912, (Mrs. Rolla Dragstream) Weldon, Ill.

Zuba Earle James (Mrs.), B.S. in Domestic Economy, 1910, Teacher Domestic Economy, High School, Merrill, Wis.

Fred F. Joel, A.B., 1914, Chemist, Empire Zinc Co., Canon City, Colo.

Ethel Bertha Jones, A.B., 1909, (Mrs. Peter McEwen) Earl Park, Ind.

Florence M. Jones, A.B., 1906, (Mrs. C. P. Summers) Springfield, Ill.

Hazel Caroline Jones, A.B., 1909, Danville, Ill.

Ralph E. Jones, B.S. in Electrical Engineering, 1910, Farmer, Heyworth, Ill.

Robert W. Keeton, B.S. with Pedagogy, Adjunct Professor Physiology, Albany Medical College, Albany, N. Y.

Helen Ketch, A.B., 1913, (Mrs. Oscar W. Barnes) Kirksville, Mo.

Charles W. F. King, A.B., 1909, Student McCormick Theological Seminary, Chicago, Ill.

Edward L. King, A.B., 1904, B.S. with Pedagogy, 1905, Student in Agriculture, University of Illinois, Champaign, Ill.

Lorin Hudson King, A.B., 1914, Student McCormick Theological Seminary, Chicago, Ill.

Jacob Ray Kirk, B.S. in Electrical Engineering, 1908, Superintendent Electric Light Plant, Pryor, Okla.

Laura Olivia Kriege, A.B., 1913, Teacher German, High School, Atwood, Ill.

Lottie A. Lamb, A.B., 1908, (Mrs. H. Guy Porter) Kansas City, Mo.

Mial Elias Lamb, B.S. in Civil Engineering, 1912, with Vincennes Bridge Co., Vincennes, Ind.

Lulu Lillian Laughlin, A.B., 1907, A.M., 1908, (Mrs. Edgar J. Witzemann) Chicago, Ill.

Lena Laws, B.S. in Domestic Economy, 1913, Donnellson, Ill.

Clara Frances Lefever, B.S. with Library Science, 1914, Librarian, Adams Memorial Library, Wheaton, Ill.

Benjamin George Lehenbauer, A.B., 1909, with Union Central Life Insurance Co., Cincinnati, Ohio.

Philip Augustus Lehenbauer, B.S. with Pedagogy, 1908, A.M., 1909, Instructor in Biology, University of Nevada, Reno, Nev.

Cora Irene Leiby, B.S. in Domestic Economy, 1909, Teacher Domestic Economy, University of Idaho, Moscow, Idaho.

Cleo Lichtenberger, B.S. with Library Science, 1911, Library Assistant Public Library, Iron Mountain, Mich.

Jessie Florence Lichtenberger, A.B., 1907, Teacher Latin and History, High School, Auburn, Wash.

Ada Emile Lindsay, A.B., 1905, Secretary Conservatory of Music, Decatur College and Industrial School.

James M. Lively, A.B., 1911, Pastor Baptist Church, Tuscola, Ill.

Lucile Logan, A.B., 1911, Bethany, Ill.

Florence L. Lyon, B. S. with Pedagogy, 1904, Teacher English, High School, Sioux Falls, S. D.

John Rambo Lyons, A.B., 1910, Presbyterian Missionary, Shun-te-fu, China.

Davida McCaslin, B.S. with Pedagogy, 1907, Instructor English, Decatur College and Industrial School.

Everett Baird McClelland, B.S. in Commerce and Finance, 1911, Farmer, Moweaqua, Ill.

Ben McCrum, B.S. in Civil Engineering, 1911, with Government Engineering Corps, Cincinnati, Ohio.

Myrtle Vance McDaniel, B.S. in Domestic Economy, 1914, Teacher Domestic Science, Lindenwood College, St. Charles, Mo.

Horace Wilson McDavid, A.B., 1907, Lawyer, Decatur, Ill.

William Ray McGaughey, A.B., 1906, Cashier Mt. Zion Bank, Mt. Zion, Ill.

Fredric Talley McGee, A.B., 1909, Newspaper and Magazine Writer, Oklahoma City, Okla.

Philip Henry McGrath, A.B., 1910, Lawyer, Chicago, Ill.

Mary Elizabeth McKennan, A.B., 1912, (Mrs. W. A. Reynolds) Los Angeles, Calif.

Margaret McNabb, A.B., 1914, Decatur, Ill.

Cecil Baird McReynolds, B.S. in Civil Engineering, 1910, Hardware Business, Cynthiana, Ind.

Thomas Byrd Magath, M.S., 1914, Graduate Assistant in Zooloogy, University of Illinois, Urbana, Ill.

Anna Dora Magill, A.B., 1907, (Mrs. I. L. Sears) Waverley, Ill.

Ansell O. Magill, A.B., 1908, Physician and Surgeon, Concord, Ill.

Eula Mason, A.B., 1914, (Mrs. George P. Byrne) Decatur, Ill.

Masuji Matsumoto, B.S. in Commerce and Finance, 1908, Brokerage Business, Tokio, Japan.

Carleton F. Mattes, B.S. in Commerce and Finance, 1909, with Decatur Brick Co., Decatur, Ill.

Jewel May, A.B., 1912, Teacher Public Schools, Decatur, Ill.

Lloyd L. Meeker, A.B., 1913, Decatur, Ill.

William W. Meiners, A.M., 1914, Dean Southern Minnesota Normal College, Austin, Minn.

Byron McCoy Merris, A.B., 1913, Student Law Department Wesleyan University, Bloomington, Ill.

Frank Clifford Miller, B.S. in Mechanical Engineering, 1909, Instructor Mechanical Engineering, Montana State College, Bozeman, Mont.

Hallie May Miller, A.B., 1907, Teacher Mathematics, High School, Grafton, N. D.

Margaret Josephine Miller, A.B., 1912, Decatur, Ill.

Trenna June Miller, A.B., 1906, (Mrs. George G. Taylor) Highland Park, Ill.

Anna Stockton Milligan, B. S. in Domestic Economy, 1914, Teacher Domestic Science, High School, Rochester, Ind.

Burwell A. Million, B.S. in Commerce and Finance, 1913, with Northwestern Life Insurance Co., St. Louis, Mo.

Andrew Hubert Mills, A.B., 1914, Assistant Secretary, Young Men's Christian Association, Decatur, Ill.

Helen Elizabeth Mills, A.B., 1909, B.S. in Fine and Applied Arts, 1912, Teacher Drawing, Departmental School, Decatur, Ill.

Judith Belle Mills, A.B., 1907, (Mrs. Keach Bone) Petersburg, Ill.

Helen Lucretia Moffett, A.B., 1913, (Mrs. Amstead Staley) Decatur, Ill.

Dwight A. Montgomery, A. B., 1910, Insurance Business, Decatur, Ill.

Mildred Hitchcock Montgomery, B.S. in Fine and Applied Arts, 1912, Decatur, Ill.

John Paul Montgomery, B.S. in Commerce and Finance, 1913, Secretary Wesley Hospital, Chicago, Ill.

Ruth Lasatia Montgomery, B.S. with Library Science, 1914, Assistant Librarian, State Library, Springfield, Ill.

Josiah Arthur Moore, B.S. in Commerce and Finance, 1907, Special Agent U. S. General Land Office, Seattle, Wash.

Lillian M. Moore, A.B., 1910, (Mrs. Lloyd Moore) Assumption, Ill.

Effie M. Morgan, A.B., 1913, Teacher English and German, High School, Clinton, Ill.

Edgar D. Morrow, A.B., 1907, Farmer and Stock Raiser, Newman, Ill.

James David Moses, B.S. in Commerce and Finance, 1906, Lumber Business, Emporia, Kans.

Harry B. Munch, A.B., 1913, Newspaper Business, Rocky Ford, Colo.

Leon Goodbrake Myers, A.B., 1912, Supervisor Reliance Life Insurance Co., Clinton, Ill.

Thomas Barker Myers, A.B., 1912, Deceased.

Narcissa LaRue Neisler, A.B., 1911, (Mrs. H. K. Davenport) Hood River, Ore.

Anna Catherine New, A.B., 1912, Teacher Mathematics and English, High School, Highland, Ill.

Ruth Marie Nicholson, B.S. in Domestic Economy, 1914, Teacher Domestic Science, Public Schools, Decatur, Ill.

Arthur Wilhelm Niedermeyer, A.B., 1912, Principal High School, Greenville, Ill.

Edgar David Nitchals, B.S. in Electrical Engineering, 1910, Engineer, Y. M. C. A., Kansas City, Mo.

Ray Oliphant, B.S. in Electrical Engineering, 1907, with General Electric Co., St. Louis, Mo.

Elsa M. Olsen, A.B., 1907, (Mrs. Lester Barry) Deceased.

Edna Belle Orr, A.B., 1914, Decatur, Ill.

Julia Owings, B.S. in Fine and Applied Arts, 1912, Teacher, Public Schools, Decatur, Ill.

Charles Bertram Padon, B.S., in Electrical Engineering, 1907, with Westinghouse Electric Co., Chicago, Ill.

Florence Sarah Page, A.B., 1911, Decatur, Ill.

Rhoda Ferne Parr, A.B., 1912, (Mrs. Corydon Wilkin) Paris, Texas.

Clara May Pasold, A.B., 1914, Teacher English, High School, Bethany, Mo.

Jessie Elizabeth Patterson, A.B., 1912, (Mrs. Paul Montgomery O'Day) Springfield, Mo.

Letha Bayhan Patterson, A.B., 1907, Proof Reader, Review Publishing Co., Decatur, Ill.

Daisy Venita Payne, A.B., 1907, (Mrs. Dwight L. Young) Richmond, Ind.

Jessie Reeves Penhallegon, A.M., 1908, (Mrs. Harry Crea) Manila, P. I.

Lucy W. Penhallegon, B.S. with Pedagogy, 1905, (Mrs. O. C. Montgomery) Los Angeles, Cal.

Floyd Winton Perry, B.S. in Commerce and Finance, 1911, with Illinois Steel Co., Gary, Ind.

Loyal John Petrie, B.S. in Commerce and Finance, 1911, Wholesale Leather Business, Chicago, Ill.

Cordelia Georgia Pierson, A.B., 1910, Instructor History and Economics, Ballard Normal School, Macon, Ga.

Everett Wilson Pinkstaff, A.B., 1912, with Shevlin-Clarke Co., L't'd., Fort Francis, Ont.

Mary Leslie Poor, A.B., 1907, (Mrs. Crawford Smith) Louisville, Ky.

H. Guy Porter, B.S. in Electrical Engineering, 1907, Deputy Meter Inspector, Kansas City, Mo.

Charles Arthur Post, B.S. in Commerce and Finance, 1907, Wholesale Grocery Business, Des Moines, Iowa.

Marguerite Shaw Potter, A.B., 1913, Teacher English, Departmental School, Decatur, Ill.

Edith Margaret Potts, A.B., 1910, A.M., 1912, Teacher, Public Schools, LaGrange, Ill.

Mary Prestley, A.B., 1913, Teacher Public Schools, Decatur, Ill.

Dorothy Ann Pyatt, A.B., 1909, (Mrs. Kent Williamson) Bethany, Ill.

Charles F. Record, A.B., 1905, Pastor Presbyterian Church, Centralia, Ill.

Blanche Redmon, A.B., 1912, A.M., 1913, Decatur, Ill.

Della Blossom Redmon, B.S. in Domestic Economy, 1914, Decatur, Ill.

Minnie Redmon, A.B., 1907, Decatur, Ill.

James Albert Richardson, A.B., 1909, Principal Ward School, Springfield, Ill.

Opal Dean Riddle, B.S. in Domestic Economy, 1914, Instructor Domestic Art, Decatur College and Industrial School.

Harry E. Riggs, B.S. in Commerce and Finance, 1913, with Strathmore Paper Co., Mittineague, Mass.

Corwine E. Roach, A.B., 1911, Manager Capital City Paper Co., Springfield, Ill.

Ethel Rogers, A.B., 1910, (Mrs. Arthur O'Keefe) Decatur, Ill.

Walter E. Rogers, A.B., 1913, Assistant Instructor, Biology, University of Iowa, Iowa City, Ia.

Miriam Rosenstein, A.B., 1914, Decatur, Ill.

Edward W. Ross, B.S. in Commerce and Finance, 1910, with Leader Iron Works, Philadelphia, Pa.

Flora Emma Ross, A.B., 1910, Teacher German, High School, Muscatine, Iowa.

Verne R. Ross, A.B., 1908, Teacher Chemistry, High School, Covina, Cal.

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Margaret Louise Russell, A.B., 1912, Teacher Public Schools, Decatur, Ill.

Robert Zink Sanders, A.B., 1907, Physician, Decatur, Ill.

Norman J. Sansom, B.S. in Commerce and Finance, 1909, Tailoring Business, Bloomington, Ill.

Harry Tecumseh Scherer, A.B., 1913, Student McCormick Theological Seminary, Chicago, Ill.

John F. Schudel, A.B., 1905, Laundry Business, Decatur, Ill.

John Lee Scott, A.B., 1909, Teacher Mathematics, High School, Springfield, Ill.

Marie Scott, A.B., 1913, (Mrs. Russell Camp) Bement, Ill.

Mary Edna Scott, A.B., 1912, Teacher English, High School, Springfield, Ill.

Mary Lois Scott, A.B., 1912, (Mrs. W. S. Smith) Hood River, Ore.

Dorothy Josephine Shade, A.B., 1912, Decatur, Ill.

Harriet Ellen Shade, B.S. in Domestic Economy, 1914, Teacher Domestic Art, Public Schools, Decatur, Ill.

Thomas E. Sherman, A.M., 1914, Pastor First Presbyterian Church, Williamsburg, Iowa.

Dona Lucille Shipp, B.S. in Music, 1914, Evangelistic Singer, Bloomington, Ill.

Susan Mildred Shipp, B.S. in Fine and Applied Arts, A.M., 1912, (Mrs. Harold G. Pickering) Superior, Wis.

Emma Pearl Shore, A.B., 1909, Principal High School, Chandlerville, Ill.

Ethel Winifred Shore, A.B., 1911, Principal High School, Minier, Ill.

Hiram M. Shumway, B.S. in Commerce and Finance, 1908, Merchant, Taylorville, Ill.

Thekla Maria Siebens, A.B., 1911, Teacher German, High School, Riverside, Ill.

Maurice Stanley Sly, A.B., 1910, with Irwin, Neisler & Co., Pharmaceutical Chemists, Decatur, Ill.

William Edgar Smith, A.B., 1913, Student McCormick Theological Seminary, Chicago, Ill.

Elmer C. Spence, A.B., 1913, Principal Tucson Indian Training School, Tucson, Ariz.

Irene Elizabeth Staley, A.B., 1909, Teacher English, High School, DeKalb, Ill.

Edgar David Stapp, B.S. in Civil Engineering, 1910, Government Survey, Rock Falls, Ill.

Arthur Logan Starkey, A.B., 1914, with Spies Brothers, Chicago, Ill.

Esther Marie Starr, B.S. in Domestic Economy, 1911, Decatur, Ill.

Edgar Foster Stevens, B.S. in Electrical Engineering, 1912, with Union Electric Light and Power Co., St. Louis, Mo.

Ruth Amanda Stevens, B.S. in Domestic Economy, 1909, A.M., 1910, (Mrs. John Rothacher) Highland Park, Ill.

Louise Cornelia Stevenson, B.S. in Domestic Economy, 1910, Instructor Domestic Science, Minnesota Normal School, Mankota, Minn.

Celia Louise Still B.S. in Domestic Economy, 1909, (Mrs. H. H. Kaukel) Tower Hill, Ill.

Iva M. Still, A.B., 1905, Decatur, Ill.

G. Ellen Stone, A.B., 1908, Evansville, Ind.

Helen Lovica Stone, B.S. in Domestic Economy, 1907, (Mrs. J. C. Wilson) Milwaukee, Wis.

Ann Stoker, B.S. in Domestic Economy, 1914, Centralia, Ill.

Edna Louise Strader, B. S. in Domestic Economy, 1910, Teacher Domestic Science, High School, Hinsdale, Ill.

Ruth Pauline Swanson, A.B., 1914, Teacher Public Schools, Hoopeston, Ill.

Samuel Alfred Tenison, B.S. in Commerce and Finance, 1914, with Morgan Bond House, Chicago, Ill.

Stanley Stillwell Thayer, B. S. in Commerce and Finance, 1913, with Citizens' National Bank, Decatur, Ill.

Gayle Threlkeld, B.S. in Domestic Economy, Teacher Domestic Science, High School, Summerville, W. Va.

Grace Lorraine Thrift, A.B., 1911, Superintendent of Schools, Marshallville, Ohio.

Pearl Emily Tippett, A.B., 1911, (Mrs. Carleton F. Mattes) Decatur, Ill.

Clara Loos Tooker, B.S. in Domestic Economy, 1910, (Mrs. August Strauch) Chicago, Ill.

Katherine M. Trautman, B.S. in Domestic Economy, 1908, Assistant Teacher Domestic Science, High School, Decatur, Ill.

Anna Belle Uhler, A.B., 1906, Teacher, Public Schools, Decatur, Ill.

Arthur VanCleve, A.B., 1908, Lawyer, Decatur, Ill.

Dean Moorman Veirs, B.S. in Civil Engineering, 1911, Civil Engineer, Great Northern R. R., St. Paul, Minn.

Jennie Marguerite Votaw, A.B., 1911, Student Nurse, Michael Reese Hospital, Chicago, Ill.

Anna Sloan Walker, (Mrs.) A.B., 1912, Teacher High School, Skykomish, Wash.

Lloyd Scott Wallace, B.S. in Electrical Engineering, 1910, with Akron Hardware and Supply Co., Akron, Ohio.

J. Ben Wand, A.B., 1911, Editor The Public, Clinton, Ill.

James E. Wasem, B.S. in Commerce and Finance, 1910, Grain and Stock Dealer, Patoka, Ill.

Iva Ingersoll Wasson, A.B., 1912, Teacher Child Culture Department, Millikin Conservatory of Music, Decatur, Ill.

Lois Wasson, A.B., 1913, Instructor in Singing, Millikin Conservatory of Music, Decatur, Ill.

Margaretha Sue Webber, A.B., 1911, Teacher Public Schools, Decatur, Ill.

Neva Clare Welsh, B.S. in Domestic Economy, 1914, Teacher Domestic Science, High School, Tuscola, Ill.

Paul S. Welsh, A.B., 1910, Associate Professor of Entomology, Kansas State Agricultural School, Manhattan, Kans.

Roy A. Wentz, B.S. in Electrical Engineering, 1912, Teacher Mathematics and Director of Athletics, High School, Springfield, Ill.

George Elmus West, A.B., 1910, Farmer, Omaha, Ill.

William Allen West, A.B., 1909, Superintendent of Schools, Omaha, Ill.

Casca Brown Whitehouse, A.B., 1907, Ranchman, Bowler, Mont.

Don Wickard, B.S. in Commerce and Finance, 1911, Farmer and Stock Raiser, Camden, Ind.

Harriet Aurelia Wilcox, A.B., 1914, Rosemond, Ill.

Mabel Edith Williams, A.B., 1911, Teacher English, High School, Oregon, Ill.

Kent Williamson, A.B., 1907, Banking Business, Bethany, Ill.

Joel B. Williamson, A.B., 1909, with Gulf Refining Co., Indianapolis, Ind.

Della Ford Wilson. B.S. in Fine and Applied Arts, 1910, Instructor Fine and Applied Arts, Decatur College and Industrial School.

Edgar J. Witzemann, A.B., 1907, Research Chemist, Otho S. A. Sprague Memorial Institute, Chicago, Ill.

Harvey Aden Wood, B.S. in Electrical Engineering, 1912, with Central Illinois Public Service Co., Macomb, Ill.

John George Wozencraft, A.B., 1906, Pastor Presbyterian Church, McConnelsville, Ohio.

Ethel Margaret Yanders, A.B., 1906, (Mrs. Ralph Foster) Teacher Latin, High School, Norwalk, Ohio.

Maude Yarnell, A.B., 1913, Teacher Public Schools, Decatur, Ill.

Grover Walter Yoder, B.S. in Commerce and Finance, 1912, Capital City Paper Co., Springfield, Ill.

Lois Irene Yoder, A.B., 1911, Teacher English, High School, Litchfield, Ill.

Roger Young, A.B., 1912, Assistant Secretary, Y. M. C. A., Racine, Wis.

H1

CATALOG NUMBER

The
James Millikin University Bulletin

DECATUR COLLEGE

1915-1916

With Announcements for 1916-1917

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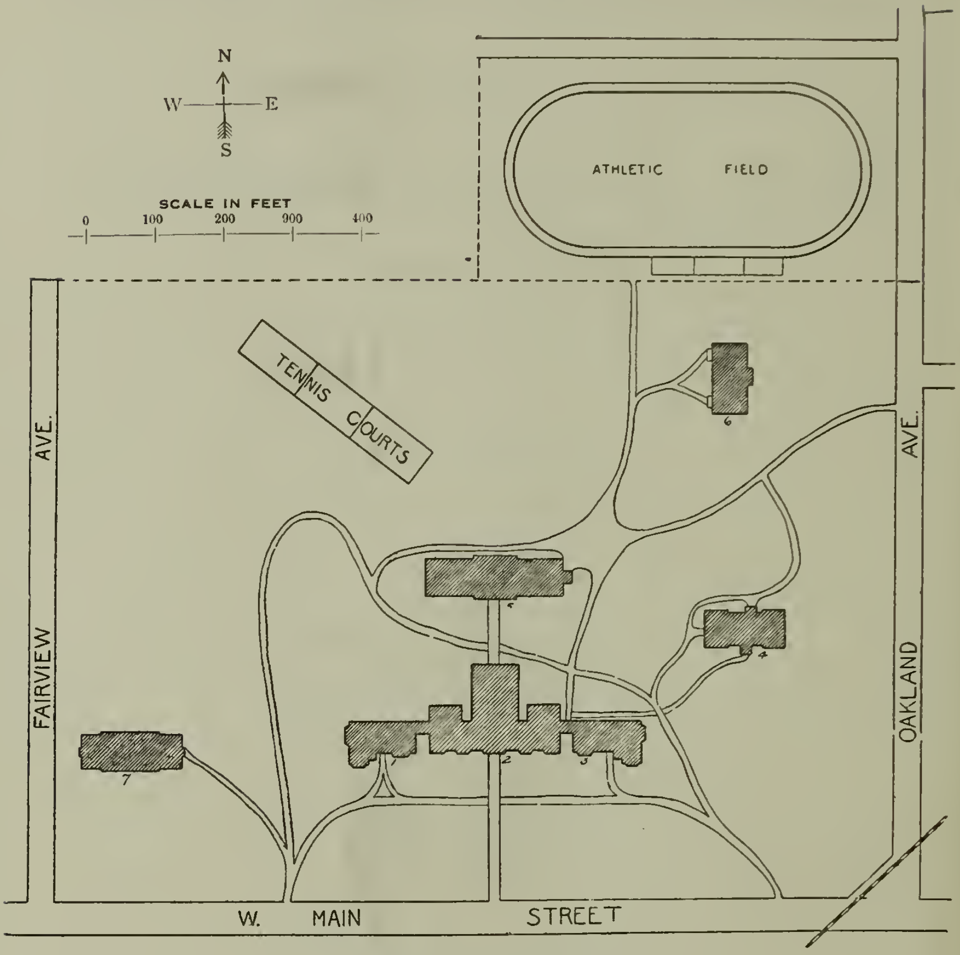
1901

Published Quarterly by
THE UNIVERSITY
at
DECATUR, ILLINOIS

Entered February 26, 1904, at Decatur, Ill., as Second Class Matter

PLAT SHOWING LOCATION OF BUILDINGS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Names of Buildings

1. Engineering Hall
2. Liberal Arts Hall
3. Domestic Economy Hall
4. Aston Hall
5. Machinery Hall
6. Gymnasium
7. Conservatory of Music

he James Millikin University Bulletin

DECATUR COLLEGE AND INDUSTRIAL SCHOOL

OLUME XIII DECATUR, ILL., MAY, 1916 NUMBER 6

TABLE OF CONTENTS

bsences 18
cademy
  Conditions of Admission.... 62
  Courses 63–66
  Curricula 62
  Purpose 62
dministration, Officers of.... 6
dmission, College 10
dvanced Standing 13
lumni Addresses........... 75
ston Hall.................. 15
thletics 17
ttendance, Summary of..... 74
ible Study
  Academy 63
  College 21
oard of Managers 6
oard of Trustees........... 6
oarding 16
alendars 4, 5
ampus 14
ertificates
  Apprentice 55
  Domestic Economy 46
  Education 36
  Fine and Applied Arts 48
  Manual Training 40
  Manual Training, Athletics. 31
  Music 58
hapel Attendance 18
hina Painting 50
hurch Attendance 18
ollege, Organization of...... 10
ommittees, Faculty 6
oncerts 60
onservatory of Music.......15, 57
ontests 18
ourses of Study
  Applied Arts............. 50
  Commerce, Finance........ 42
  Domestic Economy
    Domestic Art............ 46
    Domestic Science........ 45
  Education 36

Courses of Study (Continued)
  Engineering
    Apprenticeships 55
    Civil 53
    Electrical 54
    Mechanical 54
  Fine Arts 49
  Keramics 50
  Liberal Arts 20–32
  Library Science 26
  Manual Training 40
  Music 57
  Physical Training 31
  Science Teaching.......... 37
Credits 13
Degrees
  Bachelor's 10, 20, 21, 36, 40, 41, 44, 48, 58
  Master's 13
Departments of
  Applied Arts.............. 50
  Biblical History and Literature 21, 63
  Biology 22, 66
  Chemistry 23, 66
  Domestic Art 44, 64
  Domestic Science 44, 64
  English 23, 64
  Fine Arts 49, 63
  History and Political Science 25, 65
  Latin and Greek 26, 65
  Library Science 26
  Manual Training 40, 65
  Mathematics 27, 65
  Modern Languages 28, 65
  Music 57, 59
  Philosophy 30
  Physical Training 31
  Physics 30, 66
  Public Speaking and Vocal Expression 30
Dormitory (see Aston Hall)..
Drawing 49
Electives 10, 20
Equipment 15
Examination and Standing...10, 18

Expenses 16
Faculty, List of............ 7
Fees 16
Fellowships 16
General Information......... 14
Government 18
Graduate Study 13
Intercollegiate Contests 18
Keramics 50
Library 15
History and Organization of The College 14
Literary-Music Course 39, 58
Manual Training 40, 65
Matriculation 13
Physical Training 31
Pre-Law Course 21, 32
Pre-Medical Course 21, 32
Prizes 19
Psychological Clinic 36
Publications 18
Purpose of The College...... 14
Recitals 60
Regulations 18
Religious Education 38
Religious Life 18
Required Hours 13
Rooms 16
Scholastic Honors 19
Schools of
  Commerce and Finance.... 41
  Domestic Economy 44
  Education 35
  Engineering 53
  Fine and Applied Arts..... 48
  Liberal Arts 20
  Music (Conservatory) 57
Societies 17
Students, List of........... 67
Student Organizations 16
Symphony Orchestras 60
Teachers' Training Classes (see Departments and Education)
Theses 13

CALENDAR

1916

JANUARY

S	M	T	W	T	F	S
...	...	...	...	...	...	1
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1917

JANUARY

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JUNE

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College Calendar for 1916-1917

FIRST SEMESTER

Registration Days, Monday and Tuesday, September 11 and 12.
Classes begin September 13.
College Reception to New Students, September 13.
College Hallowe'en Frolic, October 27.
Home-Coming Day, November 11.
Second Half, First Semester, begins November 13.
Thanksgiving, November 30, Holiday.
Inter-Society Contest, December 15.
Holiday Recess includes December 21 and January 3.
Semester Examinations Tuesday to Saturday, January 23-27, inclusive.

SECOND SEMESTER

Registration Days, January 29-30.
Classes begin January 31.
Brown Debate, February 9.
Annual Class Parties, February 22.
Tri-Collegiate Debate, March 16.
Second Half, Second Semester, begins April 2.
Glee Club Home Concert, April 13.
Easter Recess, Thursday to Monday, April 19-23, inclusive.
Freshman-Sophomore Forensic Contest, May 4.
Orations due for Millikin Club Oratorical Contest, May 9.
Founder's Day, May 13.
Stories due for Brownback Short-Story Contest, May 14.
Annual College May Fete, May 17.
Decoration Day, May 30, Holiday.
Semester Examinations Monday to Friday, June 4-8, inclusive.
Annual Exhibition Day, Friday, June 8, afternoon and evening.
Graduating Exercises of the Academy, June 9, morning.
Annual Dramatic Club Play, June 9, evening.
Baccalaureate Sermon, Sunday, June 10.
Class Day, June 11.
Commencement Concert of the Conservatory, June 11, evening.
Commencement of the College, Tuesday, June 12.
  Commencement Address and Awarding Degrees, 9:30 a. m.
  Alumni Luncheon, noon.
  President's Reception, 4 p. m.

The Boards of Control

The Board of Trustees of the University

W. J. Darby, *President, Evansville, Indiana.*

E. G. King, *Vice-President, Lincoln.*

H. E. Starkey, *Secretary, Lincoln.*

J. C. Fisher, *Treasurer, Decatur.*

Illinois Synod

M. R. Laird, 1916,* *Lincoln.*

E. G. King, 1916, *Lincoln.*

W. H. Penhallegon, D. D., 1916, *Decatur.*

Hon. L. B. Stringer, 1917, *Lincoln.*

George B. Spitler, 1917, *Mt. Zion.*

S. E. McClelland, 1917, *Decatur.*

J. C. Fisher, M. D., 1918, *Decatur.*

F. E. Bell, M. D., 1918, *Mattoon.*

W. H. Evans, 1918, *Lincoln.*

Indiana Synod

Hon. J. E. Williamson, 1916, *Evansville, Ind.*

W. J. Darby, D. D., 1917, *Evansville, Indiana.*

A. G. Bergen, D. D., 1918, *Springfield.*

Iowa Synod

Rev. R. L. Van Nice, 1916, *Waukon, Iowa.*

H. E. Starkey, 1917, *Lincoln.*

A. H. Mills, 1918, *Decatur.*

The Board of Managers of the Decatur College and Industrial School

W. H. Penhallegon, *President, Decatur.*

C. W. Dyer, *Secretary, Decatur.*

O. B. Gorin, *Treasurer, Decatur.*

A. R. Scott, *Bethany.*

G. A. Stadler, *Decatur.*

S. E. McClelland, M.D. *Decatur.*

A. R. Taylor, *ex-officio, Decatur.*

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*Terms expire in year indicated.

General Administration

President of the University, Emeritus, and Acting President of the College—Albert Reynolds Taylor.

Secretary and Auditor—Calvert Welch Dyer.

Secretary of the Faculty—William Wilberforce Smith.

Recorder—Lucile Margaret Bragg.

The Executive Committee of the Faculty—John Charles Hessler, Albert Taylor Mills, William Wilberforce Smith.

Dean of Women—Lillian Merrill Walker.

Committees of the Faculty

President Ex-officio member of all committees.

Admissions and Standings—Professors Risley, Hessler, Conant.

Aston Hall—Dean Walker, Professors Machan, Dunlap, Skinner.

Athletics—Professors Cole, Meek, Mills, Wann.

Chapel—Professors Meek, Mills, D. Swarthout.

Contests—Professors Mills, Conant, Seldomridge, Risley, McCaslin.

Curriculum—Professors Hessler, Rouse, Machan, Mills, Townsley.

Flowers and Decoration—Professors Lahr, Machan, Cole, and Miss Putnam.

Lecture Course—Professors Seldomridge, M. Swarthout, Townsley.

Library—Professors Conant, Kellogg, Allin, Tyler.

Publications—Professors Rouse, Kellogg, Meek, McCaslin, Lahr.

Religious Work (Y. M. C. A.)—Professors Meek, Mills, Curtis, Mr. Crosier, and Mr. Hart.

Religious Work (Y. W. C. A.)—Professors Conant, Skinner, Dunlap, Blackburn.

Rules and Regulations—Professors Kellogg, Smith, Meek, Tyler, Dean Walker.

Schedule—Professors Risley, Smith, Gould.

THE FACULTY

Albert Reynolds Taylor, *President Emeritus, Acting President*—Lincoln University, Ph.B., 1872, Ph.D., 1882; Cumberland University, LL.D., 1906; Professor of Natural Science, Lincoln University, 1872-1882; President of State Normal School of Kansas, 1882-1901; President of James Millikin University, 1901-1913; 1915-

Thomas Walton Galloway, *Secretary of the Faculty and Professor of Biology* (1903-1916)—Cumberland University, A.B., 1887; A.M., 1889, Ph.D., 1892; Harvard University, A.M., 1890; Missouri Valley College, Litt.D., 1914; Professor of Natural History Sciences, Baird College, Mo., 1887-1889; Professor of Biology, Missouri Valley College, 1889-1902, and Dean, 1898-1902. First Semester only.

Albert Taylor Mills, *Professor of History and Political Science* (1903-)—State Normal School of Kansas, 1893 and 1896; University of Michigan, Ph.B., 1899, A.M., 1908; University of Chicago, 1899; Lincoln and Jefferson University, LL.B., 1912; Assistant, Model Department Kansas State Normal School, 1895-1896; Professor of History and Civil Government, North Dakota State Agricultural College. 1899-1903.

Robert James Kellogg, *Professor of Modern Languages* (1903-)—Cornell University, A.B., 1891, Ph.D., 1896; Fellow, 1892-1893; Instructor in Languages, Cascadilla School, 1891-1893, and Ithaca High School, 1895-1896; Instructor in Greek, Colgate Academy, 1896-1897; Professor of Greek, Richmond College, Virginia, 1897-1901; Instructor in Modern Languages, Jones Summer School, 1895-1896 and 1898-1903.

Grace Patten Conant, *Professor of English* (1906-)—Bates College, A. B.; Cornell University, A.M., 1897; Bates College, Litt.D., 1914; Fellow, Cornell University, 1897-1898, and University of Chicago, 1898-1899; School of Expression, Boston, 1895; Instructor in English, Vermont Academy, 1896; Associate Professor of English, Goucher College, 1899-1904; Professor of English, The Western College for Women, 1905-1906; Director, Department of English, Colorado Chautauqua, 1911 and 1912.

Lorell Mortimer Cole, *Professor of Manual Training* (1906-)—Stout Manual Training School for Teachers, 1906; Teacher and Principal in Wisconsin Graded and High Schools, 1889-1901; Assistant, Stout Manual Training School, 1901-1902; Director of Manual Training, Dunn County School of Agriculture, 1902-1906; Manual Arts, University of Virginia, 1911 and 1912.

John Charles Hessler, *Professor of Chemistry* (1907-)—University of Chicago, A.B., 1896; Ph.D., 1899; Instructor in Science, Lake High School, Chicago, 1890-1892; Instructor in Chemistry, Hyde Park High School, Chicago, 1892-1899; Instructor in Chemistry, University of Chicago, 1899-1907.

William Wilberforce Smith, *Professor of Commerce and Finance* (1909-)—Lafayette College, A.B., and A.M.; Headmaster, Englewood (N. J.) School for Boys, 1885-1895; Headmaster, Berkeley School, New York City, 1904-1905; Lafayette College, LL.D., 1905; President of Coe College and Professor of Economics and Sociology, Cedar Rapids, Iowa, 1905-1908; eight years in business.

Theophile James Meek, *Professor of Biblical History and Literature* (1909-)—University of Toronto, B.A., 1903; McCormick Theological Seminary, B.D., 1909; University of Chicago, Ph.D., 1915; Knox College, Toronto, 1903-1904; McCormick Theological Seminary, 1904-1906; Nettie F. McCormick Traveling Fellow in Hebrew, 1906-1908; University of Marburg, 1906; University of Berlin, 1906-1908; American School of Oriental Research, Jerusalem, 1908; University of Chicago, 1912, 1913; Fellow in Semitics to the British Museum, 1914.

Walter John Risley, *Professor of Mathematics* (1910-)—University of Michigan, B.S., 1900; University of Illinois, A.M., 1907; Harvard University, A.M., 1908; Instructor in Mathematics and Physics, Joliet Township High School, 1900-1903; Instructor in Mathematics, Armour Institute of Technology, 1903-1905; University of Illinois, 1905-1907, and Harvard University, 1909-1910.

Isabella Thompson Machan, *Professor of Latin and Greek* (1915-)—Wellesley College, A.B.; Columbia University, 1902; Wellesley College, A.M., 1905; Teacher of Ancient Languages, Franklin School, 1888-1889; Preceptress, Ancient Languages and History, Hebron Academy, 1889-1898; Assistant Professor of Latin and Greek, Decatur College and Industrial School, 1903-1908, and Associate Professor, 1908-1915.

Mabel Dunlap, *Professor of Domestic Art* (1911-)—Ohio Normal School and Oswego State Normal School, 1906; Teachers' College, Columbia University, B.S., with Diploma in Domestic Art, 1908; Instructor, primary schools three years; Instructor and Supervisor, North Bennett Industrial School, Boston, 1908-1911.

Edna L. Skinner, *Professor of Domestic Science* (1912-)—Michigan State Normal College, Diploma, 1901; Teachers' College, Columbia University, B.S., with Diploma in Domestic Science, 1908; Teacher and Principal, Woodruff School, Ypsilanti, Michigan, 1901-1903; Instructor in Domestic Science, Teachers' College, 1908-1912.

Fletcher A. Gould, *Professor of Civil Engineering* (1912-)—Michigan Agricultural College, B.S., 1907; C.E., 1914; University of Michigan, 1907-1908; Civil Engineer at Owasso, Michigan, 1908-1909; Instructor and Assistant Professor in Civil Engineering, Oregon Agricultural College, Corvallis, 1909-1912.

John Edward Rouse, *Professor of Philosophy and Education* (1913-)—Warrensburg (Mo.) State Normal School, Graduate, 1891; Lincoln (Ill.) College, A.B., 1894; University of Kansas, A.M., 1896; Harvard University, A.M., 1901; Ph.D., 1912; Research Student, Physiological Laboratory, Harvard Medical School, 1912-1913; Universities of Berlin and Leipzig, 1910-1911, and Jena, 1912. Instructor in Philosophy and Education, Dartmouth College, 1907; Instructor in Philosophy and Education, Decatur College and Industrial School, 1908-1910, and Recorder, 1909-1910.

Eugenia Allin, *Librarian and Professor of Library Science* (1914-)—Library School of University of Illinois, B.S.L., 1903; Librarian and Instructor in Library Science, Decatur College and Industrial School, 1903-1910; Organizer, Illinois Library Extension Commission, 1910-1914.

Howard G. Seldomridge, *Professor of Public Speaking* (1913-)—School of Expression, Boston, Graduate, 1902; Diploma in Philosophy of Teaching, 1903; Lecturer, McConnell Lyceum Bureau, 1903-1904; Instructor in School of Expression, Boston, 1904-1906; Harvard University, 1905-1906; Instructor in Public Speaking, Oklahoma State Agricultural and Mechanical College, 1907-1913.

Fred D. Townsley, *Principal of the Academy, Professor of Physics* (1915-)—Indiana State Normal, 1905; Indiana University, 1906, 1907, 1908; Wabash College, A.B., 1911; University of Chicago, 1915; Principal High School and Teacher of Mathematics, Delphi, Indiana, 1905-1909; Principal High School and Teacher of Physics, Greensburg, Indiana, 1911-1914; Department of Physics, Decatur High School, 1914-1915.

Norman G. Wann, *Director of Athletics and Instructor in Physical Education* (1915-)—Friends Academy, 1903; Earlham College, 4 years; Student in Eastern Illinois Hospital and Nurses Training School, 1905-1906; Athletic Director, Kankakee, Illinois, High School, 1905-1906; Football Coach, St. Viator's College, 1906; Athletic Director and Assistant in Biology, Ottawa University, 1908-1909; Athletic Director and Gymnasium Instructor, Bethany College, Spring Semester, 1910; Freshman Football Coach, Purdue University, 1910; Supervisor of Physical Education, Public Schools of Ashland, Wisconsin, Spring Semester, 1911; Supervisor of Physical Education, Public Schools of Terre Haute, Indiana, 1911-1915.

Robert Wuest Lahr, *Professor of the Theory and Practice of Art* (1915-)—University of Chicago; The Art Institute of Chicago; Instructor, Evansville High School, 1908-1910; Instructor, The Art Institute of Chicago, 1913-1915.

Ansel Augustus Tyler, *Professor of Biology* (1916-)—Lafayette College, A.B., 1892; A.M., 1895; Columbia University, Ph. D., 1897; Assistant in Biology, Lafayette College, 1892-1894; Scholar in Botany, Zoology, and Geology, Columbia University, 1894-1897; Instructor in Biology, Union College, N. Y., 1897-1898; Instructor in Botany, Syracuse University, 1898-1899; Associate Professor of Biology, University of Arizona, 1899-1900; Professor of Science, Bellevue College, 1900-1905, Professor of Biology, 1905-1916, and Dean, 1912-1915.

Lillian Merrill Walker, *Dean of Women* (1914-)—Oxford College, A.B.; Dean of Holden Hall, Wooster University, 1907-1912; Dean of Aston Hall, Decatur College and Industrial School, 1912-1914.

Calvert Welch Dyer, *Secretary* (1903-) *and Auditor* (1913-)—Cumberland University, A.B., 1900; Lockyear's Business College, Indiana, 1902; Instructor in Commerce and Finance, Decatur College and Industrial School, 1903-1911.

Davida McCaslin, *Associate Professor of English*—Coe College, A.B., 1904; Decatur College and Industrial School, B.S. with Pedagogy, and Fellow in English, 1907; University of Minnesota, A.M., 1912, and Scholar in Rhetoric, 1911-1912; Teacher in Public Schools, Hoopeston, Illinois, 1905-1906; Instructor in English, Decatur College and Industrial School, 1907-1913.

Bonnie Rebecca Blackburn, *Associate Professor of Modern Languages* (1914-)—Decatur College and Industrial School, A.B., 1908; University of Chicago, 1912; Assistant Professor of Modern Languages, Coe College, 1908-1909; Instructor in Modern Languages and English, Decatur College and Industrial School, 1909-1913; Professor of Modern Languages and Dean of Women, Northwestern College, 1913-1914.

Roy Emerson Curtis, *Associate Professor of Commerce and Finance* (1915-)—Nebraska Wesleyan University, A.B., 1907; University of Wisconsin, A.M., 1908, Ph.D., 1912; Physical Director, Nebraska Wesleyan University, 1906-1907; Scholar, University of Wisconsin, 1907-1908; Assistant Professor, Lawrence College, 1908-1909; Instructor, Davenport (Ia.) High School, 1909-1910; Fellow and Assistant Instructor, University of Wisconsin, 1910-1912; Director of School of Commerce, University of Georgia, 1912-1914; Oberlin College, 1914-1915.

Carl I. Head, *Instructor in Mechanical Drawing* (1915-)—Decatur College and Industrial School, B.S. in Mechanical Engineering, 1911; Instructor in Drawing and Design, Michigan Agricultural College, 1912-1914; Draftsman, Mueller Manufacturing Company, 1911-1912, and Designer, Leader Iron Works, Decatur, 1914; Engineering Department, Illinois State Highway Commission, 1913.

Mollie Grubel, *Instructor for Women, Physical Training* (1907-)—Illinois State Normal University, 1897-1898; University of Wisconsin, 1902; Harvard University, Physical Training Courses, 1903 and 1904; Chautauqua School of Physical Training, 1907; Teacher, Decatur Public Schools and Private Gymnasium Classes 1899-1906; Physical Director, Decatur Y. W. C. A., 1906-1907.

Lucile Margaret Bragg, *Recorder and Instructor in Latin and Greek* (1910-)—Decatur College and Industrial School, A.B., 1909; A.M., 1910; Fellow in Ancient Languages, 1909-1910.

Emma L. Baker, *Instructor in Keramics* (1903-1914; 1915-)—Lincoln University, B.S., 1900; The James Millikin University, B.S. with Pedagogy, 1905; Art Institute, Chicago, Summer Term, 1905.

Elizabeth Wilson Putnam, *Instructor in Fine and Applied Arts* (1912-)—Chicago Art Institute, Graduate, 1907; Summer School, Chicago Art Institute, 1909, 1910, 1912, 1914; School of Painting, Saugatuck, Mich., Summer School, 1911; Practical Experience, The Roycrofters, East Aurora, N. Y., 1908; Instructor, Art Institute, Chicago, 1907, and Summer School 1909, 1910, 1912; Instructor, Department of Architecture and Drawing, Kansas State Agricultural College, 1908-1911; Instructor in Drawing, High School, Lawrence, Kansas, 1911-1912.

Charline Fender Wood, *Instructor in English* (1913-)—The Western College for Women, A.B., 1905; University of Chicago, 1913; Teacher in Public Schools, Muncie, Indiana, 1905-1911; Teacher of English, Departmental School, Decatur, 1911-1913.

Caroline Stookey Lutz, *Instructor in English* (1913-)—Decatur College and Industrial School, 1907-1909; Goucher College, A.B., 1911; Fellow in German, Decatur College and Industrial School, 1911-1912; Instructor in English, Preparatory Branch of West Virginia University, 1912-1913. (Absence one year on leave).

William Franklin Henderson, *Instructor in Chemistry* (1914-)—Decatur College and Industrial School, A.B., 1914.

Opal Dean Riddle, *Instructor in Domestic Art* (1914-)—Decatur College and Industrial School, B.S. in Domestic Economy, 1914.

Bessie Anna Bishop, *Instructor in Domestic Science* (1914-)—Decatur College and Industrial School, B.S. in Domestic Economy, 1914.

Arthur Boone Crosier, *Instructor in Commercial Courses* (1914-)—Bryant and Stratton Business College, Chicago, Graduate, 1896 and Instructor, 1897-1898; Professor of Commercial Science, South Dakota Agricultural College, 1898-1910; Admitted to the Bar, South Dakota, 1904, Montana, 1910; Law Practice, 1910-1912; Departmental Principal, Wichita (Kansas) Business College, 1913-1914.

Henry Alfred Bohl, *Instructor in Manual Training* (1914-)—Toledo Polytechnic Institute, 1905-1908; Evans Pattern Works, Portland, Oregon, 1911; Teacher of Shop Work, Kalamazoo, Michigan, Continuation School, 1912-1914.

Clyde William Hart, *Instructor in English* (1915-)—Decatur College and Industrial School, A.B., 1915.

Charles Byron Tibbetts, *Instructor in Mathematics* (1915-)—Bates College, 1909-1913; Lake Forest College, A.M., 1915; Instructor in Mathematics and Physics, Lake Forest College, 1913-1915.

Emma Bates Robbins, *Instructor in Fine and Applied Arts* (1915-)—Graduate, Lyons Township High School, 1909; Student, Artcraft Institute, Chicago, 1910-1911; Diploma in Normal Art from H. Sophie Newcomb Memorial College of Tulane University of Louisiana, 1915; Cadet Instructor, Sophie Newcomb Memorial High School, 1914-1915.

Max van Lewen Swarthout, *Director of the Conservatory of Music and Professor of Piano and Violin Playing and Theoretic Branches* (1914-)—Gottschalk Conservatory of Music, Chicago, Illinois, Balatka Conservatory of Music, Chicago, Illinois, Royal Conservatory of Music, Leipzig, Germany, 1902-1905; Director, Oxford College of Music, Oxford, Ohio, 1905-1911; Director of College of Music, Illinois Woman's College, 1911-1914.

Donald Malcolm Swarthout, *Associate Director of the Conservatory of Music and Professor of Piano and Organ Playing, Theoretic Branches and History of Music* (1914-)—Gottschalk Conservatory of Music, Chicago, Illinois, Balatka Conservatory of Music, Chicago, Illinois, Royal Conservatory of Music, Leipzig, Germany, 1902-1905; Private Study, Isidor Phillipp, Paris, France, 1905-1906; Royal Conservatory of Music, Leipzig, Germany, 1910-1911 ("Pruefung" in Piano); Associate Director, Oxford College, 1906-1910; Associate Director, College of Music, Illinois Woman's College, 1911-1914.

Nellis P. Parkinson, *Secretary of the Conservatory of Music* (1915-)—A.B., James Millikin University, 1915.

William B. Olds, *Professor of the Art of Singing* (1908-)—Beloit College, A.B., 1898; Oberlin Conservatory, 895, 1898-1899, Singing, Piano Playing, Theory and omposition; Singing, American Conservatory, 1899-1900; iano, Victor Garwood, Composition, Adolf Weidig; Sing- ng, Oscar Seagle, Summer, 1914, England; Teacher, merican Conservatory, 1899-1900, and Grinnell School f Music, 1900-1904; Illinois Conservatory of Music, 1904-906, Private Teacher, Jacksonville, Illinois, 1906-1908.

William Erhart Snyder, *Professor of Piano Playing nd the Art of Teaching* (1911-)—Detroit Conservatory of lusic; Sherwood Music School, Chicago; Private piano tudy, Theodore Leschetizky, Vienna, Austria, and Pro- essor Robert Fuchs, Vienna Imperial Conservatory.

Miner Walden Gallup, *Associate Professor of Piano laying* (1909-)—Virgil Piano School, New York, 1902; rivate Study in Albany, New York, 1905-1906 and Ber- n, 1906-1909, with Dr. Percy J. Starnes, Alberto Jonas nd Vernon Spencer.

Eloise Bucher, *Associate Professor of the Art of inging* (1913-)—Hollins College, Hollins, Virginia; Ur- ana University, Urbana, Ohio; Private study in New ork City with Rupert Neily.

Ora Belle Rogers, *Instructor in Piano Playing and ssociate Professor of Harmony* (1908-1914; 1915-)—ertificate in Harmony, 1906; Piano Teacher's Certificate, ertificate in Piano Playing, 1907; Piano Teacher's Diplo- a, 1908, Millikin Conservatory; Literary work in North- estern University, 1914-1915.

Rose Alice Borch, *Associate Professor of the Art Singing* (1913-)—Raff Conservatory, Frankfort, Ger- any, 1898-1902; Piano, Voice, Private Study, Professor lius Stockhausen, Frau Jenny Hahn.

Grace Taylor Wandel, *Instructor in Piano Playing* 909-)—Performer's Certificate, 1907, Teacher's Certifi- te, 1910, and Diploma as Soloist and Teacher, 1914, illikin Conservatory of Music.

Marian Gertrude McClelland, *Instructor in Singing and Associate Professor of Ear Training* (1914-)—B.S. in Music, James Millikin University, 1915; Student, Wells College, Aurora, New York, 1913-1914; Certificate in Piano Playing, Millikin Conservatory of Music, 1913; Harmony Certificate, Millikin Conservatory of Music, 1915; Diploma in Singing as Teacher and Soloist, Millikin Conservatory of Music, 1915; Post Graduate work, Millikin Conservatory, 1916.

Lois Wasson, *Instructor in the Art of Singing* (1912-)—Diploma in Singing, Millikin Conservatory of Music, 1915; A.B. Millikin University, 1913; Private study, Rupert Neily, New York, 1915-1916, Summer, 1913 and 1914. (Absent on leave, 1915-1916).

Sylvia Fisk, *Instructor in Piano Playing* (1911-)—Performer's Certificate, 1909; Teacher's Certificate, 1911, and Piano Soloist's Diploma, 1914, Millikin Conservatory of Music.

Robert Walter, *Instructor of Orchestral and Band Wind Instruments* (1912-).

Olga Keck McDavid, *Instructor in Violin Playing* (1915-)—James Millikin University, 1905-1907; Certificate in Violin Playing, 1906; Certificate in Harmony, 1907; Private Teaching, 1907-1915.

Louise M. Bear, *Instructor in Public School Music and Supervisor of Music in Public Schools* (1914-).

Eloise Jacobs, *Instructor in Piano Playing*—Student in advanced piano study, Illinois College of Music, 1912-1913, and Millikin Conservatory of Music, 1914-1915; Certificate in Harmony, Millikin Conservatory, 1915; Diploma in Piano Playing as teacher and soloist, 1916; with Millikin Conservatory, 1914.

Fredarieka Green, *Instructor in Voice*—Diploma in Art of Singing as Soloist and Teacher, Millikin Conservatory, 1916; Certificate in Piano Playing, 1912; Certificate as Supervisor of Public School Music, 1912; with Millikin Conservatory, 1915.

Erma Fitch, *Instructor in Piano Playing* (1914-)—Certificate as Soloist and Teacher, 1914, Millikin Conservatory of Music.

Esther Requarth, *Director of the Child Culture Department* (1914-)—Private music study, Millikin Conservatory of Music, 1913-1914; Private art study, Greenville, Ohio, 1907-1911; Graduate, Child Culture Teachers' Training Course, Millikin Conservatory of Music, 1914.

Fellows and Assistants

Sarah Dale, *Assistant Instructor in German*—James Millikin University, A.B. with Education, 1914.

Roy L. Mayhew, *Fellow in Biology*—Iowa Wesleyan College, B.S., 1914.

Gayle Threlkeld, B.S. in Domestic Economy, 1914. Assistant in History. First semester only.

Margaret Miller, A.B., 1912, Assistant in Education. First semester only.

Superintendent Buildings and Grounds—William M. Bullard.

THE COLLEGE

The College includes the following Schools: Liberal Arts, Education, Commerce and Finance, Domestic Economy, Fine and Applied Arts, Engineering, and Music.

The College courses leading to degrees in all the Schools, except Engineering, are four years in length, each year being divided into two semesters.

For the completion of the Liberal Arts course the degree of A.B. is awarded; for the completion of a four years' course in Education, either the degree of A.B. or B.S.; and for the completion of any of the four years' technical courses, the degree of B.S., with the designation of the School, as Commerce and Finance, Domestic Economy, Fine and Applied Arts, and Music. See Summaries of Courses under the various Schools.

Admission to the Freshman Class

A. By examination on fifteen units of work required and elective for the various schools as designated below.

The day preceding and the day of opening of each semester are regular examination days.

B. Graduates of accredited high schools or other schools of equivalent rank will be admitted without examination under conditions named below. They must present certificate for fifteen units of work. Blanks for such certification will be furnished on application.

A unit represents one year's work of thirty-six weeks, five hours per week, of forty minutes each, or the equivalent in laboratory practice.

These fifteen units are to include certain prescribed work and work which may be elected. Certain work is prescribed for all schools; some is prescribed, in addition, for admission to individual schools; the rest of the fifteen units may be made up from the Electives.

1. Units Prescribed for All Schools

History	1	unit
English	3	units
Geometry, Plane	1	unit
Algebra	1	unit
Algebra as a prerequisite for college mathematics or for courses with college mathematics as a prerequisite	1½	units

2. Units Prescribed for Individual Schools

Of the units that remain, certain others are also prescribed for admission to individual schools, as follows:

School of Liberal Arts		
Classical—		
One foreign language	2	units
Chemistry or Physics for those who take College Chemistry	1	unit
Scientific—		
Science including Physics or Chemistry	2	units
School of Education		
Foreign language	2	units
Science	1	unit
School of Commerce and Finance		
Foreign language or Science	2	units
School of Domestic Economy		
Foreign language	2	units
Science including Physics or Chemistry	2	units
School of Engineering		
Physics	1	unit
Solid Geometry	½	unit
School of Fine and Applied Arts		
Foreign language	2	units
Literary-Music		
Foreign language	2	units
Music	2	units

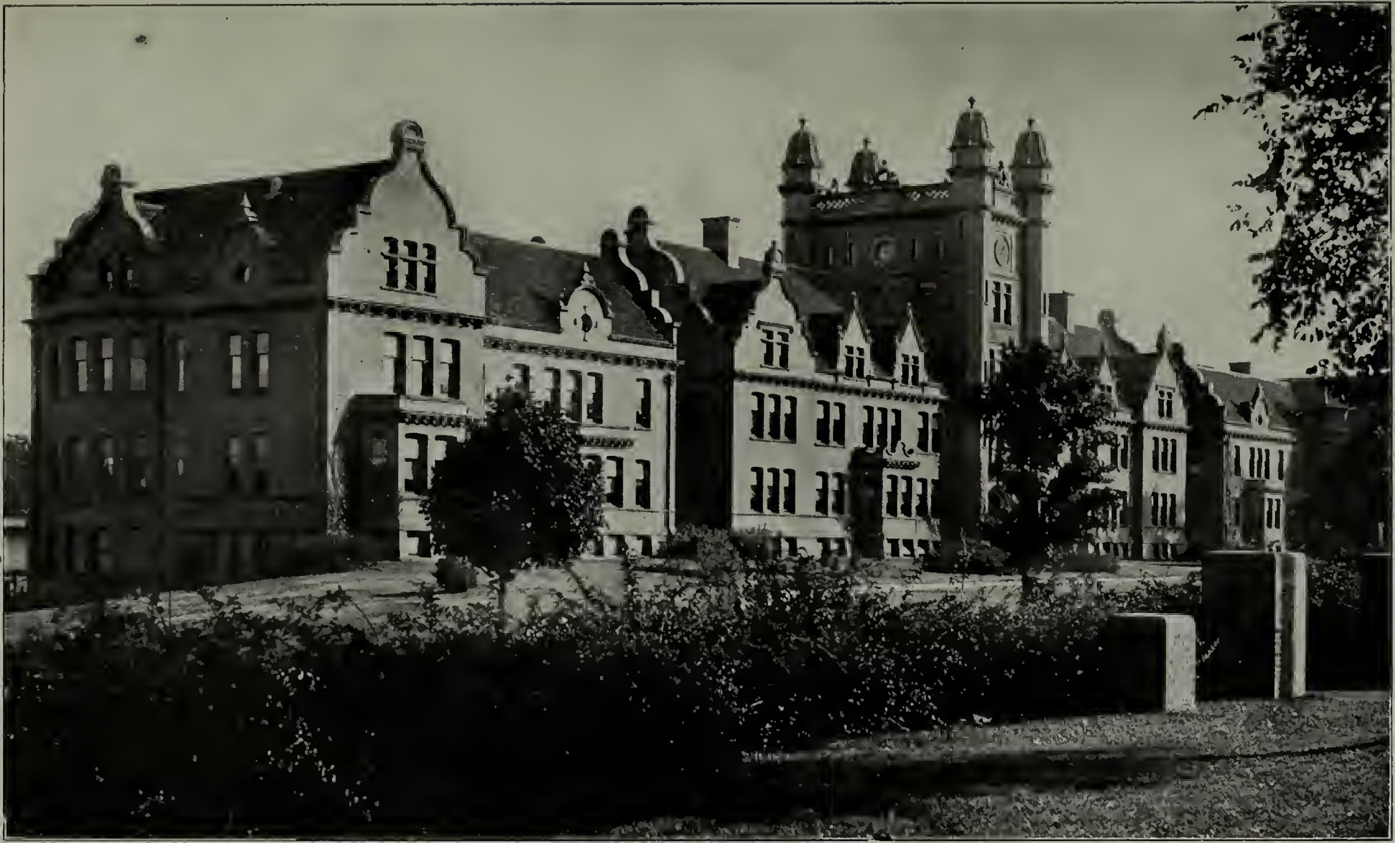
3. Electives for All Schools

From the following list, after the above requirements have been fulfilled, additional units to make up the fifteen required for entrance must be presented:

Agriculture	½	unit
Bible Study	1	unit
Foreign Language	1 or 2	units
Chemistry or Physics	1	unit
Biology, Physiology, Botany or Zoology	1	unit
Civics	½	unit
Art or Domestic Science	1	unit
History, United States	½	unit
Physical Geography	½	unit
English or American Literature	1	unit
Geology	½ to 1	unit
Astronomy	½	unit
Commercial Geography	½	unit
Mechanical Drawing	½	unit
Manual Training	½	unit
Music	½	unit
Commercial Arithmetic	½	unit
Commercial Correspondence	½	unit
Accounting and Office Practice	½	unit
Stenography	1	unit
Typewriting	1	unit
Banking or Economics	½	unit
History of Commerce	½	unit
Introduction to Commerce	½	unit

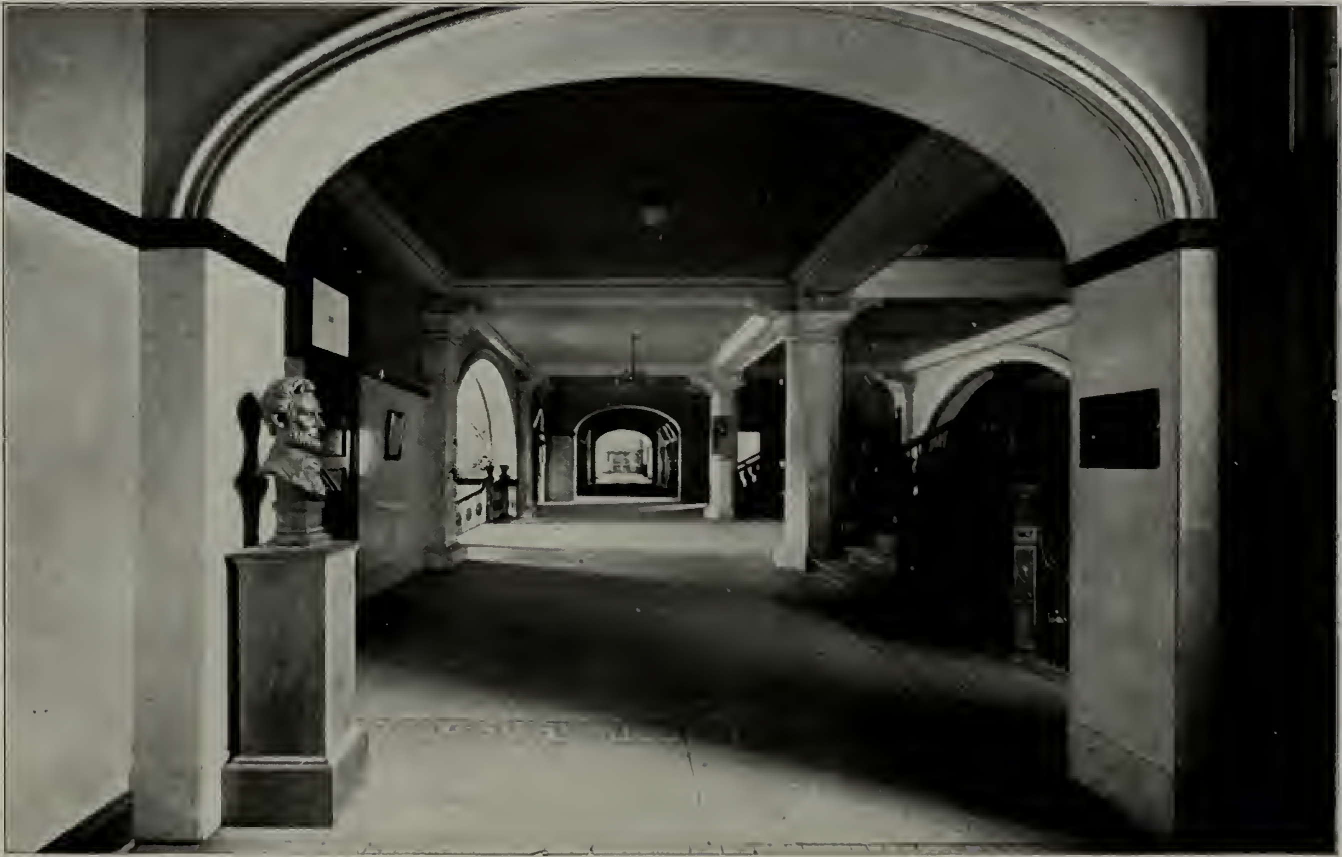
NOTE:—Candidates admitted in accordance with the foregoing regulations will be eligible only to Schools and courses which their high school or other courses have anticipated. They may enter other Schools by making up remaining requisites.

Students presenting fourteen units may be admitted conditioned on the remaining unit. All entrance conditions must be removed before registering the second year.



Engineering Hall Liberal Arts Domestic Economy

VIEW OF MAIN BUILDINGS FROM SOUTHWEST



MAIN CORRIDOR, LIBERAL ARTS BUILDING

Admission to Advanced Standing

Candidates for advanced standing in any of these Schools, presenting credits from approved colleges, will be admitted to corresponding standing in this College. They will be given advanced standing also on examination.

Admission to Graduate Standing

Graduates of this College, or of colleges of like rank, will be admitted to graduate courses leading to Master's degrees or to Bachelor's degrees, with special designation, in any of the technical schools which they may be prepared to enter.

General Requirements for Graduation

1. For the Bachelor's Degree

A total of 130 credit hours is required for graduation. A point, or semester-hour, represents a one-hour lecture or recitation period for one semester. All engineering laboratory work, including mechanical drawing, practice work, experimentation, testing and shop work, counts one-third point per hour. Other laboratory work counts one-half point per hour. Practice or experimenting outside the laboratory or shop counts nothing. Class-room work in said subject of the nature of regular lectures or recitations counts one point per hour per week.

No student will be recommended for the Bachelor's degree unless he has been a regularly enrolled resident student of the College for at least one year, tho for sufficient reason the Council may reduce the attendance one semester.

All candidates for graduation are required to have two credits for work in the literary and scientific societies of the College. This work consists of four years of bi-weekly work or two years of weekly work. See page 17.

The following Academy courses may be taken as college electives when taken by college students only: Latin E, F, G, H.

Credits given for entrance to the College courses shall not in any wise be considered again towards meeting requirements for graduation in the College.

Required Hours: Every student is expected to take at least sixteen credit hours' work per week, and is limited to eighteen hours as a maximum, except in the case of engineering students who are allowed a maximum of twenty-one hours. A less number than sixteen may be taken on the approval of the president or Executive Committee, but a greater number than the maximum can be taken only on the approval of the Council.

2. For the Master's Degree

The degree of Master of Arts may be granted to graduates of The James Millikin University, or to graduates of other colleges or universities who have completed equivalent courses, on the following basis:

(a) *In Residentia:* To applicants who complete successfully a prescribed course in residence, the minimum time to be one year. The work shall be equal to at least a year of undergraduate study, and shall be on subjects of an advanced nature. Such work may include advanced courses which are open to undergraduates. The course shall be under the direction of the heads of the departments in which the degree is to be taken. The applicant shall present a satisfactory thesis under the general rule for theses. The fee shall be one year's tuition and laboratory fees, and a diploma fee of five dollars, payable under the general rules of the University.

(b) *In Absentia:* Only students who are graduates of this University may pursue graduate work for the Master's degree wholly ***in absentia.*** The applicant shall begin his work not later than October first in any year, and shall spend a minimum time of two years upon it. Such work shall be of an advanced character, equal in amount to at least one-half more than the work prescribed for residence. The course shall be under the direction of the heads of the departments in which the degree is to be taken and they shall prescribe all examinations, reports, etc., and the regulations concerning their conduct. The applicant shall submit a thesis under the general rule for theses. He shall pay a fee of one-half year's tuition at the beginning of each two years and a diploma fee of five dollars under the general regulations of the University.

Work in professional schools, leading to degrees in Medicine, Dentistry, Law, Divinity, and the like, may be counted towards the Master's Degree for not more than one-third the work required for that degree.

Matriculation and Enrollment

Credentials: A student expecting to enter the University should send, previous to his coming, a certified statement, preferably on blanks provided for the purpose, of all credits made in High Schools and Colleges, to the University Examiner, The James Millikin University, Decatur, Illinois. If coming from another college he should also enclose a letter of honorable dismissal. If it is impossible to send these credentials before coming to the University, he should bring them with him and present them at the office of the Examiner at the time of entering.

GENERAL INFORMATION

History and Organization

On May 13, 1900, Mr. James Millikin made a formal proposition to establish an institution of learning in the city of Decatur, Illinois, under conditions which were met early in the following year by the citizens of Decatur and the Synods of Indiana, Illinois and Iowa of the Cumberland Presbyterian Church. After some negotiations the charter of Lincoln University, Illinois, was amended, April 30, 1901, so as to provide that its name should be changed to Lincoln College and that it, together with the proposed Decatur College and Industrial School, should constitute The James Millikin University as its legal successor, with the provision that each college should be governed by a local Board of Managers appointed by the Board of Trustees, in conjunction with the President of the University.

As the Cumberland Presbyterian Church has united with the Presbyterian Church, U. S. A., both colleges are now under the general supervision of the Synods of Illinois, Indiana and Iowa, in so far as the appointment of Trustees is concerned.

The control exercised by the local Board of Managers and the Administration of the College is non-sectarian.

The first group of four buildings at Decatur was dedicated on June 4, 1903, the dedicatory address being delivered by President Theodore Roosevelt. The College opened on September 15, 1903. The total enrollment for the year was 712. This number has steadily grown, and three additional buildings have been erected.

In accordance with the desire of its founder, the Decatur College and Industrial School was organized with a view to provide instruction not only in the usual academic and collegiate subjects, but also as far as possible in those industrial, technical, commercial and art lines for which there is now such urgent demand. It was his purpose to establish an institution of learning where, at the least possible expense, all classes of young men and women might secure an education that would fit them for entering at once and successfully upon some honorable vocation in life.

The organization includes (1) the Academy or Preparatory School, with the usual preparatory courses and a generous line of electives for those who wish to take instruction in manual and industrial arts; (2) the College, which offers courses in the liberal arts, education, Biblical history and literature, library science, commerce and finance, domestic economy, fine and applied arts, manual training, engineering, and music.

Location

The city of Decatur is located on the Sangamon River in one of the most fertile and well-drained regions in the state of Illinois. The county-seat of Macon County, with a population of about 40,000, it is easily accessible from all parts of the state over the Wabash, Vandalia, Illinois Central, C. H. & D. railroads and over the Illinois Traction System; it is five hours from Chicago and three from St. Louis. The city is a progressive one in many respects: commercial enterprise, civic improvements, church efficiency, and educational policy. There are no licensed saloons in Decatur. The spirit of the citizens is one of deep interest in the College and in all that makes for culture.

The campus embraces about thirty-five acres, located three-quarters of a mile west from the central transfer station and easily accessible from all parts of the city by street-car. This site is one of great natural beauty, slightly rolling, with trees and flowering shrubs of many varieties. Adjoining the campus is an extensive and beautiful city park. Near the buildings are excellent tennis-courts, and on the open side of the campus, a field for football, baseball, and track athletics.

Buildings

The buildings are all of Elizabethan architecture, beautiful in line and coloring and placed according to an imposing building plan. The three buildings of the central tower group, the Liberal Arts Hall, the Domestic Economy Hall, and the Engineering Hall, arranged with a connecting corridor in the basement and on the first floor, have a total frontage of four hundred and forty feet. Around this center are placed the Conservatory of Music, the Gymnasium, Aston Hall for women, and Machinery Hall. All the buildings, erected at a cost of nearly five hundred thousand dollars, are constructed with a view, not only of facilitating instruction and investigation, but of insuring satisfactory hygienic conditions. Every room is well heated, lighted, and ventilated.

The Central Group

The Liberal Arts, Domestic Economy and Engineering Halls contain class-rooms, studios, laboratories, and shops for use in their respective fields. In addition, in the Liberal Arts Hall are the offices of the President, Registrar, and Auditor, the library and Assembly Hall. This auditorium is eighty feet square and will seat about a thousand people.

Aston Hall for Women

Aston Hall, containing about sixty attractive rooms, is located in a beautiful grove of forest trees, retired and yet easily accessible from the main college buildings and from the city railway lines. It is provided with bath-rooms and lavatories on each floor, is lighted by electricity and heated by steam. A vacuum cleaner is installed in the basement with pipes leading to each floor so that the house is kept in the best sanitary condition. The culinary department is excellent. Under the supervision of a Dean, effort is made to provide a happy and wholesome life. The few regulations which are found necessary are in no sense burdensome, but rather an aid to the young women in planning their work and conserving their time and strength.

Practically all the west half of the first floor is devoted to the reception room, drawing room and Dean's rooms. The dining room, a sunny, white-tiled room, overlooks the east campus on three sides. Students' rooms are arranged in suites or as single rooms. They may be occupied by one or two students as preferred. Each room is provided with two closets and is furnished with study-table, chairs, dresser, washstand, individual beds, springs, mattresses, pillows, rug and window shades. A leaflet containing a diagram of the rooms, the rates for room and board, and the House Regulations, will be sent on application.

The Gymnasium

The gymnasium is located between Aston Hall and the Athletic Field. It is 100 by 55 feet in the clear, with additions on the front for offices, examination and trophy rooms and on the rear for storage rooms. The basement contains bath and locker rooms for men and women on either side of a ball cage. The main floor is one of the largest in this section of the country belonging to a minor college. Above the floor is a running track. The equipment is adequate for college needs, containing apparatus for both Swedish and German gymnastics.

The Conservatory of Music

The Millikin Conservatory building is a model of its kind. It is recognized by authorities as one of the most beautiful and thoroly equipped in existence devoted to the study of music. No expense or pains were spared to make the structure complete and artistic in every detail.

Besides a recital hall the building contains over eighty rooms for private instruction, class recitation, practice, library, and administration purposes. The tone-proofing system is one of the most complete to be found in any conservatory equipment.

The interior is in pure Gothic style. In planning this building the aim was to make the Conservatory homelike rather than institutional in character.

The library is a room of rare beauty. The entire effect, with old English furniture and the charming ingle nook with its fireplace of tapestry brick, makes an inspirational place for study.

The Recital Hall for recitals, public performance classes, and lectures, has a seating capacity of two hundred. This room has beautiful leaded-glass windows and fine colors of gray and brown in the wood and walls. The platform presents a charmingly designed Gothic organ screen back of the two grand pianos. This room impresses one with an atmosphere of dignified refinement.

Machinery Hall

Machinery Hall contains the foundry, heavy machinery, engines, dynamos, and other apparatus for the practical courses in Engineering. In this same building is the plant which provides heat and light for the College buildings.

Equipment

Libraries

The College Library, situated in the Liberal Arts Hall, contains 8,200 volumes covering the work of each department with sufficient reference books for ready use. There are over 100 current periodicals, including not only general magazines and newspapers, but technical magazines in the fields of science, psychology, education, literature, languages, architecture, household arts, manual training, engineering, library work, economics, church work, music and art.

The Decatur Public Library is also at the service of the College. Many of its departments have been enlarged with the interests of the College in view. It contains 33,000 volumes, an excellent reference department, and a complete periodical file, together with such public documents as the interests of the community demand.

The Macon County Law Library with upwards of 3,500 volumes is quite modern and comprehensive in its scope. This has also been generously placed at the service of students in the School of Commerce and Finance and in the department of History and Political Science.

Laboratories, Studios, and Shops

The Domestic Science and Art departments occupy ten rooms in the Domestic Economy Hall, including class-rooms, reading-room, and food and textile laboratories.

The three departments of mechanical, electrical, and civil engineering are provided with suitable apparatus, machinery, and testing machines. See page 53.

The Manual Training classes occupy five rooms in the basement of the Engineering and Liberal Arts halls, and forge and foundry rooms in the Machine Shop. All these shops are adequately equipped.

The Fine and Applied Arts department has seven studios in the Liberal Arts and Domestic Economy Halls.

The chemical laboratories and lecture rooms, six in number, occupy the entire third floor of Engineering Hall.

Fees

Fees are payable at the beginning of each semester in advance.

Tuition, College, per semester	$37.50
Tuition, Academy, per semester	30.00
Athletic Fee, per semester, admitting to all local inter-collegiate games and to local contests in debate and oratory	2.50
Gymnasium Fee, per semester (including locker in gymnasium)	1.00
Locker in Cloak Rooms	
per semester	.70
per year	1.00
Laboratory Fees	
Applied Arts, per semester See pages 50, 51.	2.00
Biology	2.00
Chemistry	4.00
Domestic Art	2.00
Domestic Science	2.00
Fine Arts	2.00
Forging	2.00
Manual Training	2.00
Millinery	1.00
Pattern-making	2.00
Physics	2.00
Typewriter Rent	2.00
Diploma	5.00
Special Work, less than full work, for each credit hour	5.00
Examination Fee for work done *in absentia*	5.00

For Conservatory Fees see page 60.

For registration on other than regular Registration Days, a fee of $1.00 is charged.

For changes in program ten days after registration, a fee of $1.00 is charged.

Tuition fees will be refunded only in cases of protracted illness, tho portions unused for other reasons may be credited on a future semester.

Laboratory and gymnasium fees will not be refunded for any reason.

Children of ministers, and students for the ministry who are officially approved by their denominations, pay one-half of the regular tuition fee.

Expenses

The following estimates will be found approximately correct, the difference depending on the kind of accommodations, proximity to the College and quality of meals.

Unfurnished Rooms (two in a room) each per month	$ 1.50 to $ 2.00
Furnished Rooms (two in a room) each per month	4.00 to 6.00
Meals, per month	14.00 to 18.00
Room, board, and part of laundry at Aston Hall, per semester	$100 to $200

A few students will be able to secure places in the city where they can earn a part or all of their expenses. A limited number of students earn their tuition by office work at the College, by assisting in different departments, or by other employment about the grounds and buildings.

The office will gladly assist students in securing pleasant locations. Parents contemplating moving to Decatur for the purpose of educating their children are cordially invited to write for such information as they may need.

Fellowships

A few fellowships are awarded to graduate students. Particulars will be furnished on application.

Student Organizations

A. General Organization

The Student Council, composed of the presidents of the college and senior preparatory classes and several other college organizations, stimulates student activities and endeavors to arouse interest in student enterprises in general.

The Young Women's and the Young Men's Christian Associations offer opportunities for religious instruction and Christian activity.

The Inter-Society League has charge of the annual contest between the literary societies, and of all arrangements for public work in debating and oratory.

The Athletic Association has charge of all contests in football, baseball, basket-ball, and track athletics.

The Kappa Society is an organization of graduates of high scholastic standing. See page 19.

The Acolyte Club and Student Volunteer Band are organizations for students who are to enter religious work.

The Men's and Women's Glee Clubs, the College Orchestra and College Band are the usual college musical organizations.

There are seven Greek letter societies, with faculty advisors, which are helpful factors in cultivating the social life and stimulating the scholarship of their members.

The Millikin Club is an organization composed of former students and alumni who live in Decatur. Its purpose is to perpetuate the pleasant relations of college life and to be helpful to the College in any way which occasion demands.

The Alumni Association is a loyal and enthusiastic organization, helpful in many ways to its members and to the College.

The Triem Club admits college men who have maintained during their Freshman and subsequent years a wholesome attitude towards Millikin ideals and traditions and towards ideals of manhood.

Pi Mu Theta sorority composed of senior women for the promotion of common interests and for social culture.

B. Credit Societies and Clubs

Work in societies and clubs is required for graduation. See page 20. The student may do the work of one society or club for four years, or the work of both a society and a club for two years. Each meets bi-weekly, clubs and societies on alternate Wednesdays.

The Literary Societies: The Philomathean Society, The Orlandian Society, The Adelphic Society (Academy).

These societies, open to both men and women, give practice in debating, oratory, extemporaneous speaking, in the writing and reading of stories and essays, and in parliamentary practice.

The Clubs: The Deutscher Verein is an organization of students interested in German life and literature. It gives valuable drill in conversation in German.

L'Alliance Francaise as a chapter of the national society of the same name stimulates interest in the life and literature of the French and gives opportunity for conversation in French. This club, as well as the one in German, is open to both men and women.

The Dramatic Art Club gives each year several plays, the most pretentious of which occurs in Commencement week.

The Engineers' Club has for its aim the study of the results of practical engineering in connection with the theoretical instruction of the curriculum.

The Art Guild thru the reading of art magazines and the preparation of papers endeavors to follow progress in the plastic arts. It is open to both men and women.

The Manual Training Club discusses topics of interest to craftsmen and to prospective teachers in this field.

The Commerce and Finance Club meets for the discussion of papers and reports on achievements in the world of business.

Ex Post Facto is a club of college women which studies the duties of women as citizens.

The Current Events Club reads and reports on such magazines as The Outlook, The Literary Digest, and The Independent.

The Domestic Economy Club in its discussions covers the field of the household arts, and the field of domestic economy education.

The Science and Education Club, open to both men and women, is not devoted to any particular science, but to a synthesis of them all. Its purpose is to follow new discoveries, especially with reference to their connection with education and with human life.

Athletics

Athletic interests are in a flourishing condition, with efficient coaching, careful training, sound financial basis, and loyal support. In the few years of her history, Millikin has had championship teams in every form of athletics in which she engages. Her teams are composed of manly young men who pass a high scholarship requirement and who stand for clean sport.

Publications

The publications of the College are: The James Millikin University Bulletin, issued quarterly; The Decaturian, issued monthly, the student periodical; the annual Varsity Directory, also a student publication; the College Annual, under the title of "The Millidek," issued by the senior class; and The College Calendar, issued by the Young Women's Christian Association.

Religious Life

Chapel Attendance: All students are required to attend the daily chapel and general exercises, except when excused for satisfactory reasons.

The various churches of the city make the students most welcome to all church and Sunday school services and social functions. Students are expected to attend church and are urged to join Sunday School classes as regular attendants.

A systematic course in Bible study is offered to all students. It embraces Bible history, an outline study of the Old and New Testaments, a study of Bible lands, a literary study of the Bible, a general survey of Biblical doctrines, a history of the early church, organization and methods in Sunday School work, Comparative Religion, and Missions. See pages 21, 63.

The Young Men's and Women's Christian Associations have regular weekly meetings on Wednesday afternoons at 2:30 and an occasional vesper service on Sunday afternoon. They also conduct regular Mission Study classes.

The Volunteer Band is composed of those students who are volunteers for work on the foreign missionary field.

The Acolyte Club is composed of students who intend to enter the ministry or other Christian work.

Each year, under the auspices of the Presbyterian Board of Education, there has been a religious campaign; the result has been the stimulating and deepening of student religious life.

Regulations

Government: The heads of the different schools and departments of the College constitute a Council for the transaction of such business as usually pertains to similar bodies in educational institutions.

Tho rules of procedure are necessary to avoid confusion and facilitate administration, few formal rules of conduct are deemed advisable in such an institution as this. Students whose ideals of conduct and whose spirit are not in accord with the general policy of the institution are not desired, nor will they be permitted to remain here after that fact is established. It is believed that the best results in education are attained where reasonable freedom of action is allowed, and where young men and women are guided largely by their own sense of honor and propriety. It is the policy of the institution to cultivate and encourage a spirit of mutual good will and co-operation on the part of faculty and students and to make student life as enjoyable and profitable as possible.

Examinations: The student who fails to pass the regular examination on any subject will not be allowed to continue with his class in that subject except on the written recommendation of his teacher, nor will he be given longer than until the end of the next semester succeeding to make up such examination.

A student will not be permitted to attempt the term examination in any study when his average daily grade in that study has fallen below 60. Students taking entrance examinations will be required to make the usual grade for passing a subject.

Intercollegiate Contests: No student will be certified as eligible to engage in any intercollegiate contest who is not satisfactorily carrying at least twelve hours' work and who did not carry at least twelve hours' work his last semester if formerly registered here.

Changes of Schedule: After the student has matriculated he may make changes in his program only with the consent of his Faculty Adviser and the instructors concerned and upon the payment of one dollar each time changes are made, except changes made by faculty action.

Dismissal: Students who find it necessary to leave college are expected to seek an orderly dismissal, i. e., to give notice at the office of their intended departure and future address.

Absences: Absence and tardiness from classes or chapel, except for good reason, are not permitted. When satisfactory explanation is given to the instructor in charge, an absence may be made up; otherwise it counts against the student's standing. A student who shows a tendency to carelessness in this regard is summoned before the Executive Committee of the Faculty.

Prizes

The Brown Debate Prize: For the highest efficiency in debate on some historical or sociological question approved by the Department of History and the President, Dr. Everett J. Brown of Decatur offers to students of the College a prize of $25. This prize was won in 1916 by Louise M. Bradford, '16.

The Millikin Club Medal: The Millikin Club offers a gold medal to students of the three upper classes for proficiency in oratory. This prize was won in 1915 by Wilber W. Ellison, '16.

The Brownback Short-Story Prize: Mr. J. M. Brownback of Decatur, offers a prize of $25 to college women for proficiency in story-writing. This money may, by decision of the judges, be divided into first, second, and third prizes. In 1915, the prizes were won by Charlotte W. Kerney, '17, and Margery Prestley, '15.

Scholastic Honors

The University of Illinois Fellowship: A Fellowship at The University of Illinois is awarded by vote of the faculty to a Senior or recent graduate standing among the first three or four in his class. This Fellowship was held in 1915-16 by Effie Morgan, '13.

The Millikin Scholarship: A graduate scholarship, entitling the recipient to one year's free tuition in pursuing a specialty, is awarded by the College to the member of each graduating class who secures the highest rank in scholarship in Junior and Senior subjects, as provided in the regulations governing the same. This Scholarship was won in 1915 by Ruth Lorena Lewman.

Announcement is made on Commencement Day of the student who receives the highest average for the four years. Ruth Lorena Lewman won this honor in 1915.

The Kappa Society: The members of each graduating class in the College, whose average is 92 or above, become members of the Kappa Society and wear its emblem, a gold key.

Members of the Senior class whose average is 92 or above for the first three years of college are allowed to wear during the Senior year a silver replica of the Kappa key as a badge of High Honor. The following members of the class of 1915 were admitted to the Kappa Society: Ruth Lorena Lewman, Ivra Clements Shaw, Martha Gertrude McIntosh.

High Honor and Honor Students: All students in each class whose average is 92 or above for their college course up to date are called High Honor Students; those whose average is 88 or above are called Honor Students. Any student who at the end of his Junior year reaches an honor grade on all his work, and a high honor grade on his major may graduate on the completion of 124 points in his course.

The High Honor and Honor Students for 1915 were:

Class of 1916

High Honor—Louise M. Bradford, E. Leah Fullenwider, Mary E. Kassebaum.

Honor—Virginia Bowyer, Harriet Elsie Brawner, William C. Casey, Mayme E. Combs, Guy L. Dickerson, Bessie Fruit, Doris E. Irwin, Ella Hazel Martin, May Norton, Frances M. Orr, Harry M. Peterson, Ada E. Ross, Eda M. Tenison, Gladys Williams,

Class of 1917

High Honor—Elizabeth J. Galloway, Margaret Moneywell, Charles E. Lee, Elinor R. Mills.

Honor—Arthur L. Acker, Eloise Ayres, Lucile Busbey, Joseph H. Catlin, N. Paul Hudson, George E. Jacobsen, Helen L. Kenney, Elmer L. Kiick, Arthur Kinkade, Mary Louise Kohler.

Class of 1918

High Honor—Marie M. DuBois, Samuel Eddy, Marguerite Shafer.

Honor—Clara A. Chamberlain, Margaret M. Cloyd, Evelyn Cole, Helen L. Doocy, Lorena Gordon, Henrietta S. Graybill, Gertrude L. Guller, Bessie Horton, Hyla V. Johnson, Etna I. King, J. Russell McDonald, Helen G. Miller, Robert Riggs, Margaret E. Rugh, Clara E. Schwab, Frieda M. Smith, Pauline E. Sollars, Mabel Fern Storm, Ruby Sundell, Ruby C. Zimmerman.

Graduate Scholarships Elsewhere

Graduate Scholarships are open each year to certain classes of graduates of this College in many of the leading universities of the country. They are worth from $250 to $600 per year. The Rhodes Scholarship at Oxford, England, has been enjoyed by a Millikin graduate. It is given in open competition by examination and is worth $1500 per year.

THE SCHOOL OF LIBERAL ARTS

The Faculty

Albert R. Taylor, Ph.D., LL.D., *President.*

Thomas W. Galloway, Ph.D., Litt.D., *Professor of Biology.* (First Semester).

Albert T. Mills, LL.B., A.M., *Professor of History and Political Science.*

Robert J. Kellogg, Ph.D., *Professor Modern Languages.*

Grace Patten Conant, Litt.D., *Professor of English.*

John C. Hessler, Ph.D., *Professor of Chemistry.*

Theophile J. Meek, B.D., Ph.D., *Professor of Biblical History and Literature.*

Walter J. Risley, A.M., *Professor of Mathematics.*

Isabella T. Machan, A.M., *Professor of Latin and Greek.*

John E. Rouse, Ph.D., *Professor of Philosophy and Education.*

Eugenia Allin, B.S.L., *Professor of Library Science and Librarian.*

Howard G. Seldomridge, *Professor of Public Speaking.*

Fred D. Townsley, A.B., *Professor of Physics.*

Ansel A. Tyler, Ph.D., *Professor of Biology.*

Davida McCaslin, A.M., *Associate Professor of English.*

Bonnie Blackburn, A.B., *Associate Professor of Modern Languages.*

Norman G. Wann, *Director of Athletics and Instructor in Physical Education.*

Mollie Grubel, *Physical Director for Women.*

Charline Fender Wood, A.B., *Instructor in English.*

Caroline Stookey Lutz, A.B., *Instructor in English.* (Absent one year on leave).

Clyde W. Hart, A.B., *Instructor in English.*

Charles B. Tibbetts, A.M., *Instructor in Mathematics.*

Requirements for the A.B. Degree

The requirements for the A.B. degree, 130 semester hours or points, are as follows:

A. All students shall complete courses of study as follows:

	Points	
1. *Prescribed:*		
English, 1, 2	8	
History	8	
Hygiene	2	
Physical Training	2	
Literary and Scientific Societies	2	22
2. *Group Electives* (one subject in each group required):		
One Foreign Language (French, German, Greek, Latin or Spanish)	16	
Biology, Chemistry or Physics	8	
Mathematics, College Latin or additional Science	8	
Philosophy, Biblical History or additional History and Political Science	8	40
3. *Free Electives*		68
Total		130

At least three of the prescribed courses of 8 points each must be taken in the Freshman year, of which one must be English. At least two more of 8 points each must be finished by the end of the Sophomore year. The other courses may be taken in any year.

B. The student shall complete a *Major* consisting of 32 points in one of the following departments:

Latin.
Greek.
German.
French or Romance Languages.
English.
History and Political Science.
Biblical History and Literature.
Chemistry.
Physics.
Mathematics.
Biology.
Library Science.

A major may include any prescribed College course, but shall not be interpreted to include any Academy course except Latin *E, F, G, H.* The student shall announce his major not later than the middle of the Sophomore year.

Theses are elective in the Senior year, except in departments in which given in course; when elected a thesis shall be offered in the department in which the student majors and shall count two points towards the major requirements and the total presented for graduation.

C. The student shall select a *Minor* of 8 points under the advice of the department in which he majors. Such minor cannot include any course offered as prescribed work in *A.* A minor may be interpreted to include Latin *E, F, G, H,* or if taken in the Freshman year, Physics *A, B.*

D. The elective points may be taken from any courses in the School of Liberal Arts or other Schools of the College to which the student is admitted. Of these, however, not over 32 may be taken outside the School of Liberal Arts, and these may not be taken in more than two Schools; sixteen only can be taken in the School of Music. In all technical electives outside the School of Liberal Arts at least one-fourth must be theoretical as distinguished from shop, studio, or laboratory courses. For possible electives see the different departments of the School of Liberal Arts, and the Schools of Education, Engineering, Domestic Economy, Fine and Applied Arts, Commerce and Finance, and Music.

E. Of the entire course, 32 points must be in subjects designated in the Bulletin as Junior or Senior courses.

F. Not more than 32 credit hours may be taken by the student in any one major department, except by specific permission of the Curriculum Committee of the Faculty. Such permission will usually be limited to cases where the last credit course desired overlaps this maximum by a small number of hours. In English the 32 points need not include Courses 1 and 2.

G. Any student who attains at the end of his Junior year an honor grade on all his work and a high honor grade on his major, may graduate upon completing 124 points.

For the B.S. Degree—English Scientific Course

In response to the demands from young men and women from the rural communities who may find it necessary to return to the farms early in April, and of others who are also unable to attend more than three-quarters of the college year, courses are offered in the various required subjects which may be completed at the end of the first semester or at the end of the first half of the second semester with proportionate credit for the work done. The foreign languages in whole or in part will be optional tho recommended in making up the sum total of required points. The degree of B.S. will be granted to candidates completing this course.

Prescribed:	Points
English Literature and Composition	24
Mathematics	16
Physics and Chemistry	16
Biology	12
History, Economics and Philosophy	12
Ancient or Modern Languages Optional, see above	(12)
Collaterals	2
Elective	48
	130

Pre-Medical and Pre-Law Courses, See Page 32

Courses of Study

NOTE: The student will note that first semester courses usually bear odd numbers and second semester courses even numbers. An odd and an even number before a course indicate that it runs thru the year. It is also to be noted that in certain of the latter courses, as indicated in the outline of courses, credit is given only when the full year's course is taken.

NOTE: The numerals and letters following the description of a course indicate the day of the week and the period at which the class meets, as M. T. W. Th. F. S. Period 1 is 8 to 9 a. m.; 2, 9 to 9:55 a. m.; 3, 10:20 to 11:15 a. m.; 4, 11:15 to 12:05 p. m.; 5, 1:30 to 2:30 p. m.; 6, 2:30 to 3:30 p. m.; 7, 3:30 to 4:30 p. m.; 8, 4:30 to 5:30 p. m.

Biblical History and Literature

*The Mr. and Mrs. Matthew Robb Chair

THEOPHILE J. MEEK, B.D., Ph.D., *Professor of Biblical History and Literature.*

If history is the chemistry of life, the study of the elements out of which our present civilization is the outgrowth, then no other peoples are so important historically as are the Hebrews. No others have contributed so much religiously, morally, socially or politically, or affected so largely the world's literature. No others are influencing life today as are the Hebrews thru the medium of the Bible. How important, then, that there should be in every institution of learning a department for the study of a people and a literature so unique and so important in the history of the world!

The department is on the same basis as the other departments of the College. Students may select their major in this department as they would in any other, or elect only so much of it as they desire. To enhance the interest and value of the work, the instruction of the class room is illustrated by lantern-slides, photographs, antiques, etc.

Religious Education: There is a very urgent and ever increasing demand at home and abroad for religious educators, directors, and secretaries. Arrangements have been made between the Department of Biblical History and the School of Education whereby a course is offered that will qualify young men and women for positions of this kind. For full details of the course, the degree granted and other information, see School of Education, page 35.

1. History of the Bible—What the Bible is; how we got our Bible; languages of the Bible; story of the Canon and Apocrypha; history of the English Bible; its literary character and importance. Textbook: Price, Ancestry of Our English Bible. 2 points. (Not given in 1916-17.)

2. Biblical Geography and History—A general course that is intended to give the geographical background and main outlines of Biblical History. Text-book: Kent, Biblical Geography and History. 2 points. (Not given in 1916-17.)

3, 4. Hebrew History to the Exile—The forerunners of the Semites; the origin of the Semites and their settlements; the social, political and religious history of the Hebrews thru the stages of nomadic origin, settlement in Canaan, monarchy and dissolution of the state. Text-book: Kent, History of the Hebrew People. 2 points a semester. 4 T. Th.

5, 6. Jewish History After the Exile—The social, political and religious history of the Jews thru the stages of exile, return from exile, Persian and Greek domination, Maccabean struggle for liberty, and Roman conquest. Text-book: Kent and Riggs, History of the Jewish People. 2 points a semester. 5 W. F

7. Life and Teachings of Jesus—The history of Palestine in the time of Jesus; the life of Jesus; the teachings of Jesus and their relation to the teachings of His day. Text-book: Rhees, Life of Jesus. 2 points. 2 T. Th.

8. The Apostolic Age—The founding of the Christian Church; the life of Paul; the spread of Christianity; the history of the early church; the development of religious ideas and institutions thru the period. Text-book: Purves, The Apostolic Age. 2 points. 2 T. Th.

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*Endowed in their memory by their daughters, Mrs Eliza J. Stansbury and Mrs. Lydia E. Phillips.

9. **History of Egypt**—The social, political and religious history of the Egyptians, particularly as it bears upon that of the Hebrews. Text-book: Breasted, History of the Ancient Egyptians. 2 points. (Not given in 1916-17.)

10. **History of Babylonia and Assyria**—The social, political and religious history of the Babylonians and Assyrians, particularly as it bears upon that of the Hebrews. Lectures and text-book: Goodspeed, History of the Babylonians and Assyrians. 2 points. (Not given in 1916-17.)

11, 12. **Old Testament Literature**—A careful study of the writings of the Old Testament in the light of their historical setting and their literary form, as the foundation of an intelligent understanding of the Bible and an appreciation of modern literature. Seminar. 2 points a semester. 2 W. F.

13, 14. **Apocrypha and New Testament Literature**—Like the preceding course, a chronological and analytical study of the writings of the Apocrypha and New Testament. Seminar. 2 points a semester. (Not given in 1916-17.)

15, 16. **Biblical Sociology**—A study of the elements of Hebrew life in their development from the beginnings to the time of Christ, and of the social teachings of the prophets, the sages, and of Jesus. Text-book: Soares, The Social Institutions and Ideals of the Bible. 2 points a semester. 4 W. F.

17, 18. **Old Testament Hebrew**—Elementary course, Grammar, exercises and the reading of the Book of Genesis. This course is especially adapted to students who have the ministry in view, but is suitable also for those who desire some acquaintance with the elements of Semitic languages. 2 points a semester.

19, 20. **New Testament Greek**—A philological and exegetical study of selected portions of the New Testament in Greek. Some knowledge of Greek is required for this course. 2 points a semester. (Not given in 1916-17.)

21, 22. **Hebrew Exegesis**—A philological and exegetical study of selected portions of the Old Testament in Hebrew. Some knowledge of Hebrew is required for this course. 2 points a semester. (Not given in 1916-17.)

23, 24. **Biblical and Religious Problems**—A discussion of critical problems relating to the Bible and problems of religious belief. The topics of discussion are suggested by the class and the aim of the course is to assist the students in any difficulties that they may have. Seminar. 1 point a semester. (Not given in 1916-17.)

25, 26. **Church History**—The history of the Christian Church from its founding to the end of the Reformation. Text-book: Moncrief, Short History of the Christian Church. 2 points a semester. (Not given in 1916-17.)

27, 28. **Comparative Religion and Missions**—The origin, historical development, chief characteristics, distinctive teachings and social values of the world's great religions; the attempted Christianization of the non-Christian religions; its difficulties and possibilities. 3 points a semester. 3 T. Th. S.

29, 30. **History and Agencies of Religious Education**—Aims and methods of the Jewish and Christian systems of religious education; the modern religious education movement; its history, aims and agencies with special emphasis on the equipment, organization and efficiency of the Sunday School. Lectures. 2 points a semester. 3 W. F.

31, 32. **Principles and Methods of Religious Education**—A study of the significant psychological characteristics and the religious and moral interests and possibilities of the individual at each stage in his development; educational values of biblical and extra-biblical material and of the different types of expressional activity; how to utilize them most efficiently in the work of religious education. Lectures. 2 points a semester. (Not given in 1916-17.)

33, 34. **Problems in Moral and Religious Education**—A discussion of current moral and religious problems. Topics are assigned to individual students in view of their special interests and abilities and presented in a paper to the class for discussion. Seminar. 1 point a semester. 2 S.

35, 36. **Practice Work in Religious Education**—Observation work, practice teaching, and practical work of like nature, the character of which will be determined by the sort of position for which the student is preparing himself. 1 point a semester.

37, 38. **Ancient Greek and Semitic History**—A comparative study of the civilizations of the peoples that anciently inhabited the countries of the Near East. A graduate course, open only to prepared students. Text-book: Hall, Ancient History of the Near East. 4 points a semester.

Courses in any other Semitic language as well as Hebrew will be given upon request.

Biology

ANSEL A. TYLER, Ph.D., *Professor of Biology.*
ROY L. MAYHEW, B.S., *Fellow.*

The courses in biology in the College begin in the Freshman year with a general fundamental course preparatory to the special sciences of botany, zoology, physiology, and geology. The general purpose of these courses is to secure for the student powers of accurate observation, statement, and reasoning, and to acquaint him with the principles and methods of modern biology. Thru these studies the student should also be brought into increased sympathy with, and appreciation for, the natural conditions about us. Aside from its culture and disciplinary value, biology has important practical relationship with domestic science, horticulture, agriculture, pharmacy, medicine, and many of the trades. It is also of much interest to all teachers in the rural schools and the grades, in connection with the rational use of nature study in correlation with other work.

The laboratory is supplied with all the equipment necessary for first-class work in the following courses:

Biology

1, 2. **General Biology**—It is recommended to those who do not wish to specialize in biological studies but need to broaden their educational foundations. When taken by students above freshman rank a study of some special topic and preparation of a complete report thereon in addition to the regular class of work will be required. 2 T. Th., 1 T. W., Th. F. or 2 W. F., 1, 2, S. Two hours class-room and four hours laboratory work. 4 points a semester. Freshman. Biology 1, 2 is prerequisite to all following courses except Hygiene.

3, 4. Botany—A course intended to secure to the student a general knowledge of the plant kingdom and the nature of its forms. The study of morphology, physiology, botanical geography, and ecology, with the elements of pathology, histology, and bacteriology are included in the course. Two hours class-room and four hours laboratory work. 4 points a semester. 6 T. F., 5, 6 M. Th. Sophomore and Junior.

5, 6. Zoology—A general course including the morphology, comparative anatomy, physiology, development, habits and instincts and the distribution of animals. Types of the several phyla of the animal kingdom are studied in the laboratory. Two hours class-room and four hours laboratory work. 4 points a semester. 4 W. F., 3, 4 Th. S. Sophomore and Junior.

7, 8. Physiology—An advanced course including the principles of general physiology with a comprehensive study of the human body, its anatomy, the histological structure and physiological functions of its organs, and hygiene. It involves additional work when offered as part of a major in biology. 2 points a semester. 5 T. Th. Junior and Senior.

9, 10. Geology and Paleontology—A study of the history of the earth as recorded in the rocks, and the application of the principles of dynamical geology and paleontology in the interpretation of the record. Course 10 will be given credit as major work in Biology. 2 points a semester. 2 W. F. Junior and Senior.

11. Theoretical Biology—A study of the development of theories regarding life and of important discoveries concerning variation, heredity, the theory of descent, etc. 2 points. Senior and Graduate.

12. Economic Biology—This course includes a study of the more important ways in which biology bears on human interests. Open to Juniors and Seniors. 2 points. Senior and Graduate.

13, 14. Animal Histology and Embryology—4 points a semester. Senior and Graduate. (Prerequisite: Biology 5, 6.)

15, 16. Vegetable Histology—2 points a semester. Senior and Graduate. (Prerequisite: Biology 3, 4.)

17, 18. Bacteriology—A study of the micro-organisms which play an important roll in domestic economy, animal husbandry, agriculture, and in disease. A laboratory course with practice in present day methods in bacteriology. Four hours laboratory work. 2 points a semester. Senior and Graduate.

Only two courses out of 11 to 18 will be offered in any one year, selection being made in accordance with the requirements of classes.

Hygiene 1, 2—This course will be devoted to a study of the conditions of human health, individual and social. It is the purpose to relate it closely to the courses in Physical Culture and to practical life. It is required of all students. Separate sections will be formed for men and women. 1 point a semester. Freshman. 3 or 4 M.

Chemistry

JOHN C. HESSLER, Ph.D., *Professor of Chemistry.*

WILLIAM F. HENDERSON, A.B., *Instructor.*

CURTIS R. DOUGLAS, 1916, ROBERT M. LAMB, 1917, MARGARET HONEYWELL, 1917, and LISLE R. BROWN, 1917, *Laboratory Assistants.*

1, 2. Inorganic Chemistry—Freshman. Two lectures, two double laboratory periods a week for one year. 4 points a semester.

This is a beginner's course in general descriptive inorganic chemistry. It covers the fundamental laws of chemistry, with a detailed study of the properties, manufacture and uses of the most important elements and compounds.

This course is complete in itself, and does not presuppose that the student has already studied chemistry.

Preparation required: Academy Physics or Chemistry with laboratory work for one year. Lectures: 3 W. F.; Laboratory; 1, 2 Th.; 3, 4 S.; or 3, 4 T. Th. Freshman.

(Courses 1 and 2 not eligible separately.)

3, 4. Inorganic Chemistry; a Second Division—Two lectures, two double laboratory periods weekly for one year. 4 points a semester.

Preparation required: Academy Physics or Chemistry with laboratory work for one year. Lectures: 2 T. F. Laboratory: 1, 2 W. S.

(Courses 3 and 4 not eligible separately.)

5, 6. Qualitative Analysis—Four double laboratory periods a week for one year. 4 points a semester. 5, 6 or 6, 7 M. T. Th. F.

This is a laboratory course in qualitative analysis. There will be lectures and recitations, but it is primarily a laboratory course which aims to develop self-reliance and accuracy of observation in the student, as well as to prepare for further chemical work.

Preparation required: Chemistry 1 and 2, or 3 and 4.

7, 8. Quantitative Analysis — Four double laboratory periods (or more as students may elect) a week for one year. 4 points a semester. 5, 6 or 6, 7 M. T. Th. F.

This is a course in general quantitative analysis in which the student has practice in both gravimetric and volumetric processes. He is also required to make several inorganic preparations.

Preparation required: Chemistry 1 and 2 (or 3 and 4) and 5 and 6.

9, 10. Organic Chemistry—Two lectures, three double laboratory periods a week for one year. 4 points a semester. 5, 6 or 6, 7 M. T. Th. F.

The work will consist of lectures and recitations on organic chemistry, with laboratory work in preparations, organic reactions, organic analysis, and molecular weight determinations.

Preparation required: Chemistry 1 and 2 (or 3 and 4) 5 and 6.

(Courses 9 and 10 not eligible separately.)

11, 12. Advanced Chemistry—For prepared students. Time and credits to be arranged with the instructor.

14. Household Chemistry—Four double laboratory periods a week for one semester. 4 points.

Preparation required: Chemistry 1 and 2 (or 3 and 4) and 5. 5, 6 or 6, 7 M. T. Th. F.

English

GRACE PATTEN CONANT, A.M., Litt.D., *Professor of English.*

DAVIDA MCCASLIN, A.M., *Associate Professor.*

CHARLINE FENDER WOOD, A.B., *Instructor.*

CAROLINE STOOKEY LUTZ, A.B., *Instructor.* (On leave of absence.)

CLYDE W. HART, A.B., *Instructor.*

I. English Composition

1, 2. Freshman English—The course is intended to answer the practical questions about writing and speaking which the college students asks: how to be clear and effective; and what the necessary principles of structure of the whole composition, paragraph, and sentences are. It is intended also to enable the student, by intelligent applications of these principles, to form right habits in speaking and writing. In connection with the actual instruction in the craft of writing, it is the purpose of this course to be broadening, enriching, and stimulating to the personality and thought of the student, the principle of the course being that correctness of technique is a secondary consideration in composition to the process of thinking. With that end in view, all class-room models are chosen, and general reading for pleasure, without formal report, is carried on thru the year,—one volume each of Travels, Poetry, Novels, Short-Story, Biography, History, Essay, Letters, Drama and Fine Arts. 4 points a semester.. a. 1 T. W. Th. F.; b. 2 T. W. F. S.; c. 3 T. W. Th. F.; d. 6 M. T. Th. F.

21, 22. Special Composition for Students Deficient in Preparation—This course is designed to give instruction and drill to those students who, after six weeks' trial, are excluded from English 1 because of lack of proper preparation for college English in either their speaking or writing. Any other student in college who shows such deficiency may also be required to take this course. If the deficiency is overcome by the end of the first semester, the student may enter English 2. No credit.

15, 16. General Composition—A second year's course in composition, with reference to the needs of the general student as distinct from the student especially interested in writing, is based on the principle that "the chief stimulus to good style is to have a rich, full, complex matter to grapple with." Hence, it is the purpose of the course to give the ability to think logically, originally, and thoroly, as well as to organize those thoughts and to express them in effective prose. The work is intended to afford practice in as many forms of writing and speaking as are necessary for the student to learn how to be interesting, lucid, dignified, vigorous, or effective in any way which occasion demands. There is opportunity for practical assistance on speeches, college journalism, debates, orations, theses, or papers written for other departments. Required for a major in English. Recommended as a cultural course for all departments. English 15 must precede English 16. 2 points a semester. a. 3 W. S., b. 7 M. Th.

23, 24. Seminar in Composition—This course is designed for students of literary ability who have had English 15, 16, and who desire further practice in the more serious forms of writing; one of the following subjects will be taken up each semester: a. Prose Masters,—the study of representative writers, Emerson, Carlyle, Ruskin, Arnold, Pater, Newman, or others, together with the writing of one long essay. b. Debates,—a round table for college debaters who desire help in the principles of argument, and in the organization and presentation of specific debates. c. The Teaching of English Composition,—a study of its aims and methods, drill in theme reading, and occasional practice in teaching. 1 point a semester. 7 F.

25. Informal Writing—The writing and criticism of letters, descriptive sketches, and informal essays is the central object of the course, altho there will be opportunity for the presentation of poems or plays for criticism and discussion. There will be, besides, reading in these various fields. 1 point. 7 F. (Not given in 1916-17).

26. Short-Story Writing—This course affords practice in the construction and writing of the short-story, accompanied by the study of representative stories. 1 point. 7 F. (Not given in 1916-17.)

II. English Literature

3, 4. Introduction to English Literature—The purpose of the course is to trace the ebb and flow of English literature from Beowulf to the twentieth century by introducing the student to a few characteristic works of the less important writers and to the life and times of the principal writers and to their thought and style. The first semester, practically all the poems of Chaucer and Spenser will be read and six plays of Shakespeare; the second semester, the works of Milton, Dryden, Swift, Addison, Pope, Burns, Wordsworth, and some of the nineteenth century writers. 4 points a semester. 1 T. W. Th. F.

5. American Literature—The development of American literature from its beginning thru the Colonial and Revolutionary periods, the Knickerbocker School, the Transcendentalists, and the Cambridge Group,—with emphasis on Bryant, Irving, Poe, Hawthorne, Longfellow, Whittier, Emerson, Holmes, Lowell, Whitman, and Lanier. 3 points. (Not given in 1916-17.)

6. The Novel—A brief survey of the development of English fiction from the early legends, ballads, and romances to the classical novel of the nineteenth century, and a careful reading and discussion of representative novels of Austen, Scott, Dickens, Thackeray, Bronte, George Eliot, Meredith, Conrad and Wells. The purpose of the course is to broaden the student's horizon and to help him to read prose fiction more appreciately and more discriminatingly. 3 points. (Not given in 1916-17.)

7, 8. Introduction to European Literature—A comparative literature course introducing the student to some knowledge of the general literature of the several great nations of Europe and to an intimate knowledge of their greatest masterpieces. The first semester includes the study in translation of Homer's Iliad and Odyssey, the plays of Aeschylus, Sophocles and Euripides, and Virgil's Aeneid; the second, Dante's Divine Comedy, Goethe's Faust, Tasso's Jerusalem Delivered, Corneille's Le Cid and Cervantes' Don Quixote. 3 points a semester. 5 T. W. Th.

9. The Romantic Movement—An investigation of the Romantic tendencies in the poets of the latter half of the eighteenth century and an intensive study of the writers after the culmination of the movement, especially Wordsworth, Coleridge, De Quincey, Scott, Bryon, Shelley and Keats. 2 points. (Not given in 1916-17.)

10. Victorian Poetry—A cursory study of Arnold, Rossetti, Morris and Swinburne and a comprehensive study of Browning and Tennyson, involving a discussion of their literary method, their growth of mind, their interpretation of life and their relation to their time. 2 points. (Not given in 1916-17.)

11. The Drama—Origin of English drama and its earliest manifestations in liturgical fragments, miracle plays, moralities and interludes; rapid reading of representative plays of pre-Shakespearean and Shakespearean-contemporary dramatists and of Shakespeare's plays as a whole. Detailed study of some twenty plays of Shakespeare, with especial emphasis on content and dramatic technic. 2 points. 3-4 S.

12. **The Drama**—Modern drama of Europe and America, its range, form, aims and problems beginning with the plays of Ibsen and continuing with rapid reading thru representative plays of such other dramatists as Bjornson, Hauptmann, Sudermann, Shaw, Galsworthy, Barrie, Zangwill, Tolstoi, Gorki, Tchekhov, Brieux, Hervieu, D' Annunzio, Maeterlinck, Synge, Yeats, Kennedy, MacKaye, Thomas, Echegaray and Tagore. 2 points. 3-4 S.

13, 14. **Anglo-Saxon**—An elementary reading course in Anglo-Saxon prose and poetry, intended to provide students, specializing in English Literature, history, or live languages, with a working knowledge of Anglo-Saxon, and to serve as a foundation for more advanced work in language and literature. Text: Bright's Anglo-Saxon Reader. 2 points a semester. 3 W. F.

17. **Modern Poetry**—A study of twentieth century poets and of the New Movement in English and American poetry. This includes the works of such writers as Masefield, Gibson, Bridges, Noyes, Schauffler, Burton, Hovey, Dodge, LeGallienne and Tagore. Arranged especially for city teachers and persons who wish to come to the university for a one hour course. 1 point. 8 Th.

18. **Foreign Novels in Translation**—Rapid reading and discussion of a representative novel of Balzac, Daudet, Dumas, Flaubert, Hugo, Loti, Sand, Zola, Ebers, Scheffel, Fogazzaro, Manzoni, Tolstoi, Turgeney, Sienkiewicz, Lagerlöf and Galdós. Intended for city teachers and others. 1 point. 8 Th.

19. **Appreciation of Literature**—A study of the essentials of literature and of the principles that govern literary criticism. Required for major in English. 1 point. 7 T.

20. **Teachers' Training Course**—A study of the aims and methods in the teaching of English composition and literature in the secondary school. The student is required to visit classes and to discuss observations, and to submit lesson plans for discussion and approval. So far as possible he is given opportunity for practice under supervision and criticism and for the study of problems arising from actual conditions in the class room. 2 points. Required for Major in English. 7-8 T.

27, 28. **Modern Prose**—A course intended primarily to give acquaintance with current literature in its varied forms and with the writers who represent the thought and feeling of today. The first semester is devoted to the reading and discussion of the best short stories, English, French, and American, and the second, of representative biography and autobiography, essays, sketches of nature and travel, fiction, and drama. Arranged especially for city teachers and others. 1 point a semester. 8 Th.

29, 30. **Library Use**—Lectures and practical problems intended to give students a knowledge of the classification and arrangement of books and bibliographies, acquaintance with reference books, the choice of text-books with consideration of editions, translations and publications. No credit.

History and Political Science

ALBERT T. MILLS, A.M., *Professor of History and Political Science.*

1. **History of England**—The study of a people who have developed far along lines of true democracy; a rarely fertile field for the student of government, literature, and religion. A new text will be used which gives due prominence to every great phase of British development. 4 points. Freshman, Sophomore. 5 M. T. Th. F.

2a. **English Industrial History**—England's four industrial systems will be presented: agriculture of the manor, under community control; crafts, under the control of gilds; commerce, under the control of the national government; and the factory,—first under the control of the owner, and then under parliament's regulation. Movements that will be emphasized are: the struggle for industrial liberty, industrial training for skill and quality, and free trade as a benefit to the consumer. Text, lectures, readings. First half semester. 2 points. Freshman, Sophomore. 5 M. T. Th. F.

2b. **Industrial History of the United States**—A systematic study of a virile and energetic people who appropriated and developed the wonderful natural resources of a new continent, with such eminent success that our industrial development has no parallel in the world's history. Second half semester. 2 points. Freshman, Sophomore.

3. **American History, The Colonies**—European backgrounds, and the gifts of Europe to America; the new world, and the planting of democratic ideas; colonial independence, and progress toward nationality. Text, readings, and weekly reports. 4 points. Courses 1 and 2, or 11 and 12, are prerequisites for courses 3, 4, 5 and 6, if Junior-Senior credit is to be obtained.

4. **American History, Constitutional Period to 1876**—A continuation of "3," to include: (a) The Federal and the Jeffersonian systems, the rise of the new West, the Jacksonian democracy; (b) the trial of nationality by slavery and by territorial extension; (c) reconstruction, political and economic. 4 points. 1 T. W. Th. F.

5, 6. **Recent American History**—Special economic, and diplomatic problems since 1876. Text, readings and reports. 2 points a semester. Junior, Senior. 6 M. F.

7. **Federal Constitutional Law of the U. S.**—The general principles of Constitutional Law as they pertain to the federal and state systems will be presented by use of text book and cases. Case subjects will include: commerce, taxation, money, police power, impairment of contracts, political questions, injunctions, and others. 3 points. Junior, Senior. 2 T. Th. S.

8. **Public International Law**—The intention of the course is to acquaint students with the laws governing states in their normal relations, in their relations of war, and in their relations of neutrality. 2 points. Junior, Senior. (Not given 1916-17).

9. **Government**—An introduction to political science. The origin and purpose of government, its forms and functions. The state and the United States will be studied systematically, and then compared to the governments of leading European countries. 3 points. Junior, Senior. (Not given 1916-17).

10. **Modern European Politics**—One phase of European activity will be studied. Expansion in Africa has been selected for next year. 2 points. Junior, Senior. T. Th.

11, 12. **European History**—The Church, the Renaissance, and Protestant Reformation will be leading topics during the first semester; and political revolutions, national unity, territorial expansion, and commercial power will be leading topics during the second semester. The past will be subordinated to the present to enable students to understand present-day European affairs. 4 points a semester. Freshman, Sophomore. 4 T W Th. F.

Note—Students majoring in History and Political Science may receive one year's credit in either Economics, Elementary Law and Commercial Law, or Bible History, subject to the approval of the Head of the History Department.

Latin and Greek

Isabella T. Machan, A.M., *Professor of Latin and Greek.*

Lucile M. Bragg, A.M., *Instructor.*

The course of study in this department for the first two years has been arranged with reference to the fact that many of the students who take Greek and Latin do not intend to specialize in these subjects, and it is therefore desirable to give them, in addition to a grammatical and linguistic training, an acquaintance with the subject-matter and literary merits of a considerable body of representative literature. In order to obtain this result, authors of a simpler style have been selected, and considerable portions of their works and related writings assigned for rapid reading. In connection with the reading of Plato and Cicero during the first term, there will be a thoro review of the fundamentals of accidence and syntax. During the first two years the student will be made acquainted with the legal and political antiquities of the Greeks and Romans, their history and mythology, and the elements of archeology.

Latin

1, 2. **Latin of 1st Century B. C.**—De Senectute and De Amicitia of Cicero; Odes and Epodes of Horace; Characteristics of Roman Literature. Prose Composition (optional). Freshman. 3 points. 3. T. Th. S.

3, 4. **Latin of the Empire**—Germania and Agricola of Tacitus; Roman Satire and Epigram; Juvenal and Martial; Prose Composition (optional). Sophomore. 3 points. 4. M. W. F.

5. **Ars Poetica, Epistles of Horace** and **Book X.** of Quintilian, or The Letters of Pliny. These courses alternate. 3 points. Junior and Senior. 4 T. Th. S.

6. **The Captivi, Trinummus** and **Rudens** of Plautus, or three plays of Terence. Lectures on the Roman Drama. 3 points. Junior, Senior. 4. T. Th. S.

7. **Cicero's Letters** (I-XXV Abbott) and Book I of the Tusculan Disputations, or De Natura Deorum. 3 points. Junior, Senior. (Not given in 1916-17).

8. **Lucretius**—Books I-III, or Petronius. 3 points. Junior and Senior. (Not given in 1916-17).

10. **Lectures on the Latin Language and Literature,** English Course. Junior and Senior. 2 points. 3. W. F.

12. **Monuments of Rome**—1 point. Junior and Senior. Arrange.

13. **Teacher's Course**—Materials of Latin studies, and method of Latin instruction. 2 points. (Not given in 1916-1917).

Greek

1, 2. **Greek Lessons**—Anabasis, Book I. Composition. 5 points. Freshmen. 6 T. W. Th. F. S.

3, 4. **Anabasis,** Books II, III. Iliad I-III. Composition. 4 points. Sophomore. 5. T. W. Th. F.

5, 6. **Apology and Crito of Plato**—The Persae of Aeschylus with readings from Herodotus. Composition optional. 3 points. Junior.

7. **Demosthenes and Aeschines on the Crown.** 3 points. Junior and Senior.

8. **The Phaeacian Episode of the Odyssey,** with readings from Hesiod and the Homeric Hymns. 3 points. Junior and Senior.

9. **The Antigone of Sophocles and Alcestis of Euripides.** 3 points. Junior and Senior.

10. **Thucydides**—3 points. Junior and Senior.

11. **Topography and Monuments of Greece,** with readings from Pausanias. 2 points. Junior and Senior.

13. **Greek Literature**—English Course. 2 points. Junior and Senior. 3. W. F.

15. **History of Ancient Art**—1 point. Junior and Senior. Arrange.

Library Science

Eugenia Allin, B.L.S., *Librarian and Professor of Library Science.*

The purpose of the courses offered under this head is twofold: (1) to bring the principles of library economy before the general student in such a way as to enable him to use with advantage any properly arranged library, and to assist him in selecting and managing his own library, and (2) to train librarians. The courses are given by lectures, text-books and practice, in which the library itself is the laboratory.

1. **History of Libraries**—An account of the foundation and development of ancient, mediaeval and modern libraries, special importance being given to the library in the United States. 1 point. 4. F.

2. **Book-Making**—History of writing, materials, early forms of books, manuscripts, the invention and spread of printing, printers' marks, book illustrations, book binding (with visits to the local bindery), 1 point. 4. F.

3. **Bibliography**—A study of (1) national and trade bibliography, especially of the United States and England, and (2) general and subject bibliography. Lectures are given on the literature and bibliography of special subjects by professors in the respective departments of the University. 2 points. To be arranged.

4. **Selection of Books**—Various problems in the selection and buying of books for libraries and special classes of readers are discussed. Typical books are read, reviewed and criticised. Leading general and critical periodicals containing book annotations and reviews are systematically examined. Lectures are given on publishers, editions, discounts, etc. 2 points. 4 T. Th.

5, 6. Library Economy—This course is concerned chiefly with the book in the library before it reaches the reader, and includes the business details involved in ordering books; accession work; the mechanical preparation for the shelves; lectures and practical work on the use of the Dewey Decimal Classification; assigning book numbers from the Cutter-Sanborn Author Tables; shelf listing; cataloging in accordance with "Dewey's Library School Rules," "Cutter's Rules for a Dictionary Catalogue," and the "A. L. A. List of Subject Headings." Each student is required to catalog a certain number of books which illustrate the principles involved, and the cards are carefully revised and criticized. The more intricate problems of cataloging are studied, and the ordering and use of the Library of Congress printed cards. Lectures are given on loan systems, architecture, repairing and binding books, the copyright laws, library laws and other allied topics. 3 points a semester. 3 T. Th. S.

7, 8. Elementary Apprentice Work—The course includes the minor work of a library, such as the mechanical preparation of books for the shelves, practice in library handwriting and alphabeting, and work with the books on the shelves to familiarize the student with library methods and resources. 1 point a semester. To be arranged.

9. Reference Work—The reference books are considered in groups, such as handbooks of general information, statistics, quotations, encyclopedias, dictionaries, and the reference books of all classes, such as history, natural science, etc. Practical problems based upon the books studied and practice in making reference lists are given to the students. 3 points. 3 W. F. 2 S.

10. Library Work With Children—A study of the child and his literature; the reading and examination of books for children; story telling, what stories to tell and how to tell them; the organization and equipment of the children's room; work with the public school. 2 points. 2 W. F.

11, 12. Advanced Apprentice Work—Students in this class are given the catalog cards of the elementary class to revise and criticize, do independent cataloging, loan desk and reference work, and receive practical training in the general management of the library. 1 point a semester. To be arranged.

13. Public Library Work—The organization and administration of public libraries; planning and equipment of buildings, reading rooms; business forms and accounts, etc. 2 points. 2 W. F.

14. General Reference—Lectures on the classification and general arrangement of books in a library, library aids, card catalogs, the best known reference books with practical problems based on these. A course intended to assist the general college student, not for students in the Library Science Department 1 point. To be arranged.

15. Typewriting—Academy typewriting A.

16. Short Course for Teachers—An elementary course in library science designed for students preparing for teaching in high schools, especially township high schools. The course will include the preparation of book lists, selection of books, reference work, elementary classification of books, cataloging, library records, aids and allied subjects. 2 points. 6 T. Th. Not given in 1916-1917.

Mathematics

WALTER J. RISLEY, A.M., *Professor of Mathematics.*

CHARLES B. TIBBETTS, A.M., *Instructor.*

The first year's work touches all lines of mathematical thought and aims to give some knowledge of the object of mathematical investigation and of some of its most far-reaching conclusions. Emphasis is put upon its relationship to the whole body of human knowledge. The aim is to give a wide perspective as well as skill in handling certain problems. In the second year's work the student becomes more familiar with those fundamental processes and methods which are needed for the higher work.

Attention is directed to the course in Commercial Algebra or The Mathematical Theory of Investment. While of primary interest to the student of commerce and finance, it will prove a benefit to the general student and to the student of engineering.

The advanced College courses are for the student who desires to specialize in mathematics. They introduce him to the wider fields and the more powerful methods. He thus becomes equipped for entering upon graduate study.

The department has an excellent collection of models covering undergraduate work. These include a full set of Hanstein's apparatus; stereoscopic views; full sets of regular, semi-regular and Archimedes solids; a set of the Kepler-Poinsot bodies; a set of the 32 simple crystal forms; a large number of solids of rotation; several thread models; several plaster models; models for theorems in kinematics; some linkages; several drawings of higher curves; models for illustrating methods in solid analytics; several models and drawings to illustrate four-dimensioned solids. This collection is added to yearly, and will soon cover every type of problem arising in undergraduate study.

ELEMENTARY COLLEGE COURSES

Primarily for Liberal Arts

1. Algebra—A short review of the elementary algebraic processes, followed by a study of some of the more advanced topics, including theory of equation, variation, the progressions, mathematical induction, binomial theorem, undetermined coefficients, determinants, etc. Constant use is made of graphical methods. Many applications are made to problems in physics, chemistry, etc. 4 points. 5 T. W. Th. F.

2. Trigonometry—The application of the circular functions to the solution of triangles and to problems in geometry, etc. Trigonometric equations and identities; logarithmic calculations. 4 points. 5 T. W. Th. F.

3. Analytic Geometry—The theory of the analytic geometry of the point, the straight line, the conic sections and some higher plane curves, with their most important applications. 4 points. Sophomore and Junior. 3 T. W. Th. F.

4. Calculus—An elementary course with applications to the more simple problems of geometry, physics, and chemistry. 4 points. Sophomore and Junior. 3 T. W. Th. F.
Mathematics 3 and 4 may be elected as 5 hour courses.

Primarily for Commerce and Finance

22. Commercial Algebra—A course in the fundamental mathematical theory of investment with applications to problems of interest, annuities, amortization of interest-bearing debts, valuation of bonds, sinking funds and depreciation, building and loan associations, life annuities and life insurance. Mathematics 1 or its equivalent is a prerequisite. 4 points. Time to be arranged.

Primarily for Engineers

5, 6. Algebra, Trigonometry and Analytic Geometry—During the first semester emphasis is placed on trigonometry and algebra with those parts of analytic geometry that are needed in the graphical treatment of these subjects; the second semester is largely devoted to the problems of analytic geometry. The development of methods of attack and of powers of analysis is constantly sought. The graphical treatment of mathematical and engineering problems is made a leading feature of the course.

A good working knowledge of elementary algebra is essential at the beginning of these courses; it is therefore strongly urged that a thoro review of algebra, thru quadratic equations, be made shortly before entering.

Credit will not be given for a half year in this course. 5 points a semester. Freshman engineers. 4 M. T. W. Th. F.

7. Calculus—The elements of the differential calculus with its applications to curve plotting, rates, maxima and minima; the fundamental forms of integration with application to plane areas in rectangular and polar co-ordinates. 5 points. Sophomore engineers. 2 M. T. W. Th. F.

8. Calculus—Applications of definite integrals to problems in plane areas, lengths of arcs, and surfaces of revolution; volumes of revolution by means of parallel cross-sections; successive integration with applications to areas, surfaces and volumes; approximate methods of integration; Taylor's Theorem; sub-tangents; asymptotes; curvature; elementary differential equations. 5 points. Sophomore engineers. 2 M. T. W. Th. F.

The above courses are given every year. A considerable collection of models and figures set up in space or modeled in plastelene exemplify the geometry courses. Drawings to scale, graphic treatments and verification of results aid in the other courses.

With the approval of the head of the department, the following courses may count as courses in mathematics: Descriptive Geometry, C. E. 2; Mechanics, C. E. 20.

ADVANCED COLLEGE COURSES

9. Pure Geometry—Modern pure geometry, including the theory of projection, inversion, duality, polarity, etc. 3 points. 1 T. W. F. Elective for Junior and Senior.

10. Advanced Analytic Geometry—A generalized treatment of co-ordinates, correspondence of various kinds, descriptive properties of curves, projective properties, transformations, and invariantive properties. 3 points. 1 T. W. F. Elective for Junior and Senior.

11. Advanced Algebra—A treatment of the rational integral function and its roots, symmetric functions and other functions of the roots, Galois' substitution groups and their applications. 3 points. 1 T. W. F. Elective for Junior and Senior.

12. Advanced Algebra—Matrices and linear groups and invariants with applications. 3 points. 1 T. W. F. Elective for Junior and Senior.

13, 14. Advanced Calculus—Differential equations, definite integrals, Taylor's Series, maxima and minima, variations. 3 points a semester. 1 T. W. F. Elective for those who have had calculus. Junior and Senior.

The advanced courses may be elected as 4 or 5 hour courses.

COURSES FOR MASTER'S DEGREE IN MATHEMATICS

Elementary Theory of Functions with applications.

Newtonian Potential Functions.

Fourier's Series and Spherical Harmonics.

Infinite Series and Products.

Higher Plane Curves.

Theory of Invariants with applications.

Vector Analysis.

The Lie Theory of one-parameter Groups.

See regulations concerning the master's degree, page 13.

Modern Languages

ROBERT JAMES KELLOGG, Ph.D., *Professor of Modern Languages.*

BONNIE BLACKBURN, A.B., *Associate Professor.*

SARAH DALE, A.B., *Assistant Instructor in German.*

The courses in Modern Languages aim to give (1) a thoro practical and grammatical mastery of the language in question, (2) ability to read more difficult works at sight, (3) acquaintance with national literature and life and with the history of the language and literature. The direct method of teaching is employed, and all courses are conducted mainly in the language taught.

Students offering credits from other schools for admission to advanced standing in any modern language must either show the facility in reading, writing and speaking prerequisite to the course entered, or take such previous courses as are necessary in the particular case. Credits for lower courses thus taken will depend on the amount of unrepeated work, as shown by a duly certified detailed statement of former work in the given language.

A single semester's work in a beginning foreign language cannot be counted as points for graduation until a full year's work is completed.

German

1, 2. Beginning German—Oral instruction, conversation and themes based on objects, pictures, stories, poems and songs. Assigned and sight reading, memorizing, and free reproduction. Phonetic and grammatical drill based on reading. 5 points a semester. 1 T. W. Th. F. S. Freshman.

3, 4. Advanced German—Reading of tales, legends, short stories, novels, comedies and German periodicals, with conversation and free reproduction based on reading. Weekly themes and review of grammar, including inflection, syntax and word-formation. Collateral study of German geography, history and biography. 4 points a semester. 7 M. T. Th. F. Freshman and Sophomore.

5, 6. Introduction to German Literature—Lessing's Minna von Barnhelm, Goethe's Hermann und Dorothea, Schiller's Wilhelm Tell, Hauff's Lichtenstein, Freytag's Die Journalisten. Collateral reading of Keller's Bilder aus der deutschen Literatur and Holly's German Epics Retold. 3 points a semester. 5 T. Th. S. Sophomore and Junior.

7, 8. German Life and Institutions—Readings and illustrated lectures on German cities, scenes, customs and institutions, social and political relations, and daily life. Conversation, free reproduction and German themes. Collateral reading of German newspapers and periodicals. 3 points a semester. 3 T. Th. F. Sophomore and Junior.

9, 10. The Modern Novel—Selected works of nineteenth and twentieth century novelists. Readings, discussions and abstracts. Outside reading of tales and short stories with brief reports on same. For collateral reading, see note following course 11-12. (Not given in 1916-17). 3 points a semester. 6 M. W. F. Senior and Graduate.

11, 12.—German Poetry and Drama—11. Lyric Poetry. Goethe, Schiller, Uhland, Heine, Scheffel and minor poets. 12. **Drama.** Selected dramatic works of classical and modern authors. For collateral reading, see note following. 3 points a semester. 6 M. W. F. Senior and Graduate.

Note—Courses 9-10 and 11-12 are given in alternate years. Courses 1-6 or their equivalent, including a fluent speaking and reading knowledge of ordinary German, are prerequisite. The required collateral reading (one-half to be done in connection with each course) includes: (1) Stroebe and Whitney's Geschichte der deutschen Literatur, (2) Collitz' Selections from Early German Literature, and Selections from Classical German Literature, (3) Witkowski's German Drama of the Nineteenth Century, (4) either Engel's Geschichte der deutschten Literatur or Koenig's Deutsche Literaturgeschichte, (5) Behagel's Die deutsche Sprache or Meyer's History of the German Language, (6) Curme's German Grammar or Heyse's Deutsche Grammatik, (7) Viëtor's Deutsche Aussprache, (8) Bagsster-Collins' German in Secondary Schools. Optional collateral reading in addition to the above will be given to students desiring the same, especially along the line of Germanic and Indo-European Philology and Phonetics.

French

1, 2. Beginning French—Oral instruction, conversation and themes based on objects, pictures, stories, poems, and songs. Assigned and sight reading, memorizing and free reproduction. Phonetic and grammatical drill based on reading. 5 points a semester. 4 T. W. Th. F. S. Freshman.

3, 4. Advanced French—Reading of tales, legends, short stories, novels, comedies, and French periodicals, with conversation and free reproduction based on reading. Weekly themes and review of grammar. Collateral study of French geography, history, and biography. 4 points a semester. 6 M. T. Th. F. Freshman and Sophomore.

5, 6. Introduction to French Literature—Selected works of Corneille, Racine, Molière, Balzac, Coppée, Dumas, Hugo, Daudet, Merimée, Maupassant, France, Augier, Labiche et Martin. Weekly themes. Collateral reading of Duval's Histoire de la littérature française. 3 points a semester. 3 T. W. Th. Sophomore and Junior.

7, 8. French Life and Institutions—Readings and illustrated lectures on French cities, scenes, customs, institutions, social and political relations, and daily life. Conversation, free reproduction, and themes. Collateral reading of French journals and periodicals. 3 points a semester. Sophomore and Junior.

9, 10. The Modern Novel—Readings from Sandeau, Feuillet, About, Flaubert, Hugo, Zola, Daudet, Vigny, Bazin, Loti, France, etc. Lectures and reports on authors read. Outside reading of tales and short stories with brief reports on same. For collateral reading see note following course 11-12. 3 points a semester. Senior and Graduate.

11, 12. French Drama. 11. Classical Drama—Selected works of Corneille, Racine and Molière. 12. **Modern Drama.** Selected works of Marivaux, Voltaire, Sedaine, Diderot, Beaumarchais, Dumas, Scribe, Sardou, Hugo, Rostand, etc. Lectures and reports on authors read. Outside reading of French lyric poets with brief reports on same. For collateral reading see note following. 3 points. Senior and Graduate.

Note—Courses 9-10 and 11-12 are given in alternate years. Courses 1-6 or their equivalent, including a fluent reading and speaking knowledge of ordinary French are prerequisite. Collateral reading on the history of the language and literature, advanced grammar and phonetics, and methods of teaching French will be required.

Spanish

1, 2. Beginning Spanish—Oral instruction, conversation and themes based on objects, pictures, stories, poems, and songs. Assigned and sight reading, memorizing and free reproduction. Phonetic and grammatical drill based on reading. 5 points a semester. 1 T. W. Th. F. S. Freshman and Sophomore.

3, 4. Advanced Spanish—Drama and novels, poetry and a study of metrical forms. Cervantes, Calderón, Lope de Vega, Echegaray, Galdós, Pereda, Padre Isla, Tamayo, Alarcón, Moratín, Bazán, Caballero, Nuñez de Arce. Drill in composition, letter writing and business forms. 4 points a semester. 2 T. W. Th. F. Sophomore and Junior.

Philosophy

John Edward Rouse, Ph.D., *Professor of Philosophy and Education.*

Course 1 is descriptive and explanatory, dealing with mental processes as *facts,* coördinate with other facts in nature. Course 3, and especially Courses 4a and 4b, are appreciative, regarding mental activities from the standpoint of *ideals,* or *values.* Course 3 shows how ideals have arisen and developed historically, and Courses 4a and 4b consider systematically the ideals of thinking and of conduct. Courses 1, 4a, and 4b are especially valuable to students who expect to teach.

1. **General Psychology**—The main facts and principles of mental life in the normal human adult. The student learns to observe and to describe his conscious processes, and he endeavors to understand them in terms of their conditions. Texts: Angell, Psychology, and Titchener, A Text-Book of Psychology. 4 points. 4 T. W. Th. F. Junior and Senior.

For courses in Educational Psychology, Adolescence and Mental Tests, see School of Education.

3. **History of Philosophy**—An introduction to the fundamental problems of philosophy. The course traces briefly the historical development of thought since the early Ionic Greeks, and aims to acquaint the student with the general meaning of philosophy and its relation to art, science and religion. Lectures, discussions and readings. Jowett's Plato and Rand's Modern Classical Philosophers. Text: Rogers, A Student's History of Philosophy. 4 points. Junior and Senior. (Not given in 1916-1917).

4a. Logic—A brief consideration of the laws of clear thinking, deductive and inductive, with some attention to the special theories of scientific method, evidence and argumentation. Jones' text, with supplementary reading and exercises. 2 points. 4 T. W. Th. F. (first term). Junior and Senior.

4b. Ethics—An examination of the various types of activity, and an attempt to formulate a broad ideal by means of which to interpret human conduct. Original papers on practical topics. Text: Dewey and Tuft, Ethics. 2 points. 4 T. W. Th. F. (second term). Junior and Senior.

Physics

Fred D. Townsley, A.B., *Professor of Physics.*

1, 2. General Physics—Three recitations and two two-hour laboratory periods a week. 5 points a semester. Sophomore.

First Semester—Mechanics and Heat.

Second Semester—Electricity, Magnetism, Light and Sound.

Texts: Spinney, A Text-Book of Physics. Laboratory problems selected from Manuals of Ames and Bliss, Miller, Schultz, and others.

This course covers in a more general and scientific way the work of the secondary school. The mathematics of the course is simplified as much as possible in order that it may be available for students desiring the A.B. degree and at the same time adequately fit the engineering student for the pursuit of advanced courses. Either elementary physics or chemistry must be offered as a prerequisite, and a knowledge of college algebra and trigonometry will be found advantageous. Students intending to pursue the study of dentistry or medicine will be given extra material, both for study and experiment, covering such subjects as osmosis, fluid flow in pipes, radio-activity and the X-ray. Engineering students are assigned more advanced laboratory problems than the students of general physics.

The course will be especially helpful to those who are preparing to teach general science in the high schools.

Vocal Expression and Public Speaking

Howard G. Seldomridge, *Professor of Public Speaking.*

B. Vocal Expression—Reading and Recitation. Text-Book: Classics for Vocal Expression. 2 points. Academy and Freshman.

1. **Extemporaneous Speaking**—Facility in thinking and speaking before an audience. Different forms of thinking in public speech. 1 point. Freshman and Sophomore.

2. **Extemporaneous Speaking**—Various subjects for treatment in public speech. 1 point. Freshman and Sophomore.

3, 4. Vocal Expression (General Course)—General investigation of the action of the mind, of the voice and of the body, in the expression of thought and emotion. Vocal training. Recitation and criticism. Text-book: Foundations of Expression. 5 points a semester. Freshman and Sophomore.

5, 6. Vocal Expression (Advanced Course)—More detailed study of the imagination in its application to art, literature and expression. Control of emotion, sympathetic identification of character and situation. Voice training for range, flexibility and tone-color. Text-book: Imagination and Dramatic Instinct. 4 points a semester. Sophomore and Junior.

7. **Argumentation**—The theory of argumentation in speeches and debates. Text-book: Argumentation and Debate. 2 points.

8. **Debate**—The practice of argumentation in speeches and debates. 2 points.

9. **Platform Addresses; Their Structure**—Study of famous orations to discover their structure. 2 points.

10. **Platform Addresses; Their Structure and Delivery**—Practical information and utterance of addresses of various kinds. 2 points. Sophomore and Junior.

11, 12. Public Reading—Adaptation of literature to public reading. Recitation with criticism. First semester: Arrangement and production of an evening's program from the typical writings of a single author. Second semester: Arrangement and production of an evening's program from a single large work in literature. 2 points a semester. Juniors who have taken Vocal Expression, 3, 4.

13, 14. Vocal Expression (Third Course)—First semester. Recitation of more difficult literature. Acting of scenes from Shakespeare. Second semester: Dramatic Monologues of Browning; Impersonation of scenes from Shakespeare. 2 points a semester. Juniors and seniors who have already taken Vocal Expression 5, 6.

15, 16. Vocal and Literary Interpretation of the Bible—Bible interpretation, hymn reading and sermonizing. 1 point a semester.

18. Salesmanship—Study of self, the customer and the goods. 2 points.

Physical Training

NORMAN G. WANN, *Physical Director.*

MOLLIE GRUBEL, *Physical Director for Women.*

The department of physical training supervises and directs all gymnastics and athletic activities. The former embraces the usual courses in gymnastics and the latter includes baseball, basket ball, tennis, football, track work, cross-country runs, etc. As far as possible, the activities of fall and spring are conducted out of doors, and indoor work confined to the winter months. The Director coaches the athletic teams, thus giving unity to the indoor and outdoor exercises of the institution.

Required Work: At least two years' work and the attainment of two credit points in athletics is required of all regular and special college students. The prescribed work covers two periods per week thruout the Freshman and Sophomore years, and gives a maximum credit of one-half point per semester as collateral work. The actual credit given depends on regularity of attendance, satisfactory completion of the work and the attainment of a reasonable degree of physical development and skill.

The first year of required work is designed for Freshmen, and will consist of light and heavy gymnastics and athletic games and sports. The second year's work consists of special sports and exercises, and is designed for students who have attained the minimum of vigor, development and skill which should result from the work of the first year. Freshmen who have attained to this standard at the time of entrance, may be admitted to the second year course, but must still take two full years' work in athletics, either by class courses or else in athletic team work, in order to make the required number of credit points.

No student may be excused from the prescribed work in athletics, unless allowed by special permission to substitute other work of equivalent credit. Such permission can only be granted on the presentation of reasons satisfactory to the Department of Physical Training and the Executive Committee of the College Faculty.

Teachers' Courses in Athletics and Physical Training: These courses are designed to equip prospective teachers of athletics for the efficient administration of athletics and physical training in public schools, academies, colleges and Y. M. C. A.'s. Graduation from a four years' high school, or equivalent preparation, is prerequisite to entering these courses.

A special Teacher's Certificate for Athletics and Physical Training will be given to students who successfully complete these courses.

These courses are open as electives to all students, and may be combined with work in any other lines. They are intended both for those who aim to teach athletics as their special work, and for those who wish to add the teaching of athletics to that of other branches. They extend through two full years of work, but do not fill the student's entire time, as it is expected that he will in every case, whether specializing in athletics or not, elect some work in other departments.

Teachers' Courses in Manual Training and Athletics: Because teachers of Manual Training find that they are usually expected to conduct athletics also, special provision is made to combine these courses with the Manual Training Teachers' Course. (See announcement of courses in Manual Training.) The successful completion of this combined course leads to a special Teachers' Certificate in Manual Training and Athletics.

Courses

A. Required Work.

1, 2, and 3, 4. Athletics—These courses extend thru two years, beginning with exercises in free gymnastics and in light apparatus and extending through the usual exercises with heavy apparatus—all organized for the purpose of developing a symmetrical form, vigorous health, ready strength, and quickness of thought and action. Members of the various athletic teams of the College and those regularly practicing with them, will substitute such team work in its season for indoor gymnastics. But all members of athletic teams shall attend the regular gymnastic classes or the more advanced teachers' classes whenever their team-work is suspended. 2 hours per week, giving ½ point a semester.

1, 2, and 3, 4. Gymnasium for Women—These courses extend thru two years and embrace hygiene, corrective and recreative exercises, including free gymnastics, fancy steps, clubs, wands, dumb-bells, games, etc. Their object is to improve bodily health, develop the vital organs, round out a symmetrical form, give grace of movement, teach habits of good posture in sitting and standing and make the entire body subservient to the control of the will. 2 hours per week, giving ½ point a semester.

B. Teachers' Courses in Athletics and Physical Training:

First Year

5, 6. Athletic Games—This course includes a study of the major branches of sports: Football, Basket-Ball, Baseball and Track Athletics, each sport being taken up in its season for study. The class periods are taken up with lectures on the game, the offense, the defense, a study of the rules, how to play the several positions, arranging of a schedule for that branch under discussion, planning a daily program of practice with methods of coaching. The student parallels the class work with practice on the field or the gymnasium floor with the varsity squad, two hours per week being given to each. 2 points a semester.

7, 8. Normal Gymnastics—A course in the theory and practice of the conduct of classes in physical training. A study is made of the nomenclature of gymnastics. The different systems of Physical Training and their various phases and application at the present time are studied from the writings of prominent exponents. Floor work accompanies the class work, two hours per week. 1 point a semester. If taken by students in other than Manual Training-Athletic courses for physical training, the floor exercises count only ½ point per semester.

9, 10. Biology: Freshman Hygiene—This course deals with the elementary principles of structure, use, and health of the human body, and is intended to give the student, early in his course, the information necessary to enable him to live sanely and realize the most possible from his bodily and mental equipment. Required of all students. 1 point a semester.

Second Year

11, 12. Advanced Athletic Games—Deals with methods of coaching, training and managing athletic teams. Lectures and assigned readings on the History, Theory and Rules of the most important games, with practice on the field and floor under supervision. Practice in coaching. Theoretical and practical study of first aid to the injured, including causes, nature, and treatment of wounds, bruises, sprains, faints, shocks, etc.; poisons, antidotes, stimulants; bandaging, dressings, antiseptics, etc. Class work and practice work, each two hours per week, the field practice being with the varsity squad. 2 points a semester.

13, 14. Advanced Normal Gymnastics—Lectures and assigned readings dealing with the history of Physical Training in ancient and modern times and especially with its development in Europe and America in the last century. Progress in recent ideas regarding the nature and means of Physical Training traced through writings of men prominent in the field to the present. Practice teaching. It is expected that opportunities can be furnished to conduct classes in the public schools, and to take charge of gymnastic classes under supervision, to manage meets, etc. History and uses of anthropometry and authropometric charts. The bearing of family and personal history on the present condition of the individual. The prescription of exercise. 1 point a semester.

15, 16. Biology: Anatomy and Hygiene for Physical Trainers—Deals with such details and principles of structure and care as should be in the possession of any physical director who wishes to approach the subject scientifically. 1 point a semester.

Note: Students not taking the Manual Training-Athletic course may take not to exceed four points in 11, 12, or 13, 14, after having completed the two points in physical training required of all students.

Pre-Medical and Pre-Law Courses

Statistics show that college graduates rank higher in the professional colleges than undergraduates and that a much larger per cent of the former class successfully complete the courses in the prescribed time; that the advantage of students who enter them after completing a two- or three-year college course is correspondingly increased over those who have entered directly from the high school or college freshman class. But for the benefit of those whose funds or time will not permit them to complete the full degree course, the following two-year, pre-medical and pre-law, courses are offered. Students in them are also required to meet the other collateral demands named for students in the School of Liberal Arts in general.

Pre-Medical: In accordance with the standards established by the Council of Medical Education of the American Medical Association, this College offers the two-year preliminary courses prescribed for admittance to the colleges of the Association, which now embraces nearly all the leading medical colleges of the country, forty of which are now requiring two years or more of work in a college of liberal arts as a minimum for entrance. This course includes the requisites for admittance to the dental schools also.

First Year

Biology or Zoology	8 points
Chemistry	8 points
French or German*	8 points
Elective (English?)	8 points

Second Year

Physics**	8 points
French or German	8 points
Elective	16 points

The selection of the electives may be made as suggested or required by the particular medical college in view by the student, with the approval of the curriculum committee.

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*Reading knowledge urged.

**If candidate presents one unit for entrance, four semester hours of college physics may be accepted, provided the high school work is not duplicated.

Credit cannot be given for any course where the attendance has been less than 80 per cent of the full time.

Pre-Law: Many of the better law schools are now making a minimum requirement of a two-year college course in liberal arts for entrance to their freshman classes. To meet this requirement, this college also offers preliminary courses which include those recommended by the American Association of Law Schools and which are also named in pre-law courses in many leading universities. From those named a total of 64 point hours must be completed, an equal number from each year being necessary.

English, Rhetoric and Composition, one year; Advanced English one year; Latin or Greek or German or French, two years; Mathematics or Natural Science, one year; History, including American and English Constitutional History, two years; Psychology, Economics or Political Science, one semester each.

Latin is strongly urged for all students intending to study law.

GYMNASIUM

INTERIOR GYMNASIUM

THE SCHOOL OF EDUCATION

The Faculty

ALBERT R. TAYLOR, Ph.D., LL.D., *President of the College, and Lecturer in Education.*

JOHN E. ROUSE, Ph.D., *Professor of Philosophy and Education.*

THEOPHILE J. MEEK, B.D., Ph.D., *Professor of Biblical History and Literature, and Lecturer in Religious Education.*

FRED D. TOWNSLEY, A.B., *Principal of the Academy.*

ROBERT J. KELLOGG, Ph.D., *Professor of Modern Languages.*

GRACE PATTEN CONANT, Litt.D., *Professor of English.*

JOHN C. HESSLER, Ph.D., *Professor of Chemistry.*

ISABELLA T. MACHAN, A.M., *Professor of Latin and Greek.*

LORELL M. COLE, *Professor of Manual Training.*

MABEL DUNLAP, B.S., *Professor of Domestic Art.*

EDNA L. SKINNER, B.S., *Professor of Domestic Science.*

EUGENIA ALLIN, B.S.L., *Librarian and Professor of Library Science.*

ROBERT W. LAHR, *Professor of the Theory and Practice of Art.*

NORMAN G. WANN, *Director of Athletics and Instructor in Physical Education.*

WILLIAM E. SNYDER, *Associate Professor of Piano Playing.*

ARTHUR B. CROSIER, *Instructor in Commercial Courses.*

LOUISE BEAR, *Instructor in Public School Music.*

Note: The first four of the above teachers offer general courses in the history, psychology, theory, and administration of education; most of the others, in the methods of teaching their special subjects. Six of the number supervise class observation and practice teaching. Nearly all of those named and several others in the College give instruction in the subject-matter of various cultural and practical branches.

Purpose and Organization

The design of the School of Education is:

I. To afford the general college student an opportunity for the study of education as a vital function of society.

II. To provide a thoro preparation, both cultural and technical, for those who expect to teach or who, as Christian educators, desire to fit themselves for certain practical phases of social and religious service.

III. To meet the needs of teachers of Decatur and vicinity who may wish either to avail themselves of class instruction on certain days of the week or to pursue investigations along lines of individual interest.

To realize this aim, the School seeks to bring into active coöperation those various agencies and influences at Millikin which naturally contribute to the training of teachers and to the general promotion of high educational ideals. It is thus not academically distinct from other Schools of the College, but is merely a practical device of organization and administration for assisting and guiding prospective teachers and others in the choice and pursuit of their professional studies. In doing this the School of Education plays the part of a genuine teachers' college, and is coördinate in function with other special training schools such as those for art, engineering, and business administration.

Plan of Instruction

Students having only a general interest in education should elect work in educational history and theory. These courses are cultural and also give information regarding important reform movements in contemporary education.

Those desiring to become teachers or social and religious directors and secretaries are offered a broad curriculum, requiring four years of collegiate study. During the first two years a strong foundation is laid in the cultural studies, especially English, foreign language, history, laboratory science, and mathematics. The student also does work in various literary and scientific societies and takes courses in hygiene and physical training. During the last two years he specializes in those subjects which he expects to teach and takes certain technical work in the history, psychology, theory, practice, and administration of education.

A short curriculum is given, in each of several departments, for those whose time allows them only two years of study beyond the high school. It emphasizes certain important essentials of the four years' curriculum, especially the branches to be taught and the technical work.

Teachers living within reach of the College may attend teachers' courses given at convenient hours in the afternoon and on Saturday and may avail themselves of certain opportunities for original investigation.

Graduation

Students who meet College admission requirements and who complete satisfactorily one of the four years' curricula arranged by the School of Education will receive the Bachelor's degree (in Education), either A.B. or B.S., according to the department chosen.

Those completing a short curriculum will receive a Certificate and two full years' credit toward the Bachelor's degree in the corresponding department.

Teachers in service who attend courses may earn credits counting toward the Bachelor's degree or toward a Certificate. They may also do work leading to the Master's degree. Only graduates of The James Millikin University may qualify for the Master's degree *in absentia.*

Illinois Teachers' Certificates

In accordance with the provisions of the Illinois School Law, those completing a four years' curriculum in Education are entitled to receive a county high school certificate without examination. The certificate authorizes the holder to teach also in the seventh and eighth grades. Those finishing a two years' curriculum may obtain, without examination, a special certificate to teach certain subjects in the high school or in the grades, and a regular elementary school certificate, valid in the county where issued. State certificates are granted only by examination. Three years' successful teaching and an educational thesis are additional requirements.

North Central Requirements

Those who finish a four years' curriculum will have to their credit more than the number of semester hours in education subjects required of teachers in the high schools of the North Central Association, according to the regulation effective for new teachers after 1915.

Psychological Clinic

The School of Education conducts a clinic for the free examination of retarded and mentally subnormal children. Psycho-clinical and anthropometric methods of testing are employed. It is hoped that the clinic will be a practical means of community service and also useful in demonstrating certain important methods of mental diagnosis.

Description of Technical Courses

The following courses may be elected by all students and in any order preferred, tho it is better to take them in the definite years indicated. The general student will be interested in Courses 2, 9, and 15. Those expecting to teach should take Courses 2, 5 and 10, choosing others as necessary. Courses 29 to 36 are valuable, not only for students specializing in Religious Education, but also for all prospective teachers. Collateral courses in philosophy, especially logic and ethics, should accompany work in education. Courses below with odd numbers are given during the first semester; those with even, during the second.

2. History of Education—An introductory course in education, tracing the historical development of educational theories and practices from the Greeks to modern times. A brief study will also be made of certain classics that have signalized educational movements, especially Rousseau, Froebel, and Spencer. Sophomore. 3 points. A. 1 T. W. Th.; B. 5 T. W. Th.

4. History of Education—A general course, embodying the leading features of Course 2. Considerable of outside work is arranged. For teachers in Decatur and vicinity. 2, 3 points. (Not given in 1916-1917).

5. Educational Psychology—The course reviews the main facts of general psychology and seeks to show their significance to the teacher. From this standpoint it discusses instinct, the learning process, habit, attention, interest, play, work, fatigue, and individual differences. In addition, the psychological aspect of methods used in teaching certain subjects, and of rating and classifying pupils will be considered. 3 points. A. 2 T. W. Th.; B. 5 T. W. Th. Junior and Senior.

7. Educational Psychology—Similar to Course 5, but given especially for teachers in Decatur and vicinity. Individual problems are discussed and experiments made outside of class. 2, 3 points. 7 Th.

9. Adolescence—A brief statement of the more important facts in the mental and physical development of the individual from early adolescence to maturity. 1 point. A. 2 F; B. 5 F. Junior and Senior.

10. Educational Principles—After a short discussion of the general aim in education and of the agencies employed, the following special topics are considered: the function and organization of the school; the essential principles of the teaching process and of classroom procedure; the methods of testing the results of instruction; the conditions of efficient discipline. 3 points. 2 T. W. Th. Junior and Senior.

14. School Hygiene—Mental and physiological age; sensory and speech defects; preventative mental hygiene; sleep; supervised play; school architecture and equipment; heating, ventilating, and lighting. 1 point. 1 or 5 F. Junior and Senior.

15. The High School—The rise of the modern high school; its legal status; its relation to the elementary school, the college, the community, and the home; the qualifications of teachers; the principles involved in curriculum building; vocational guidance; the intelligent direction of student activities; the problem of moral training. 3 points. 5 T. W. Th. Senior.

16. Educational Administration, Tests and Scales—The organization, legal status and control of school systems; the various social and economic factors determining their growth, development and general efficiency; the appointment, promotion, supervision, professional growth of teachers; the theory and practical use of mental and educational tests and scales in the high school and in the grades. 3 points. 3 T. W. Th. Senior.

18. Educational Administration, Tests and Scales—Similar to Course 16, but emphasizing mental and educational tests and scales. Especially for teachers in Decatur and vicinity. 2, 3 points. 7 Th.

19, 20. Methods in Special Subjects—See courses listed in English, German, Latin, domestic economy, fine and applied arts, manual training, commerce and finance, and music. Teachers' courses in other subjects may be arranged by application to the department directly concerned. 1, 2 points a semester. Senior.

21, 22. Class Observation and Practice Teaching—Arrangements have been made with the Academy of the College and with the Public Schools of Decatur whereby students in education have the opportunity to observe the best methods of teaching the subjects in which they are specializing. They make a detailed report of each class period and do collateral reading. In certain cases they also teach, usually under direct supervision. 2 points, either semester. Senior.

29, 30. History and Agencies of Religious Education—See Bible 29, 30.

31, 32. Principles and Methods of Religious Education—See Bible, 31, 32.

33, 34. Problems of Moral and Religious Education—See Bible 33, 34.

35, 36. Practice Work in Religious Education—See Bible 35, 36.

37, 38. Course in the Teaching of Science—This course is primarily for those seniors of the college who desire to prepare themselves for science teaching. It consists of a study of the science field taken as a whole as well as a review of the special sciences. It includes especially a presentation of the modern methods of teaching science. The course will be given so as to prepare graduates for the teaching of general science as well as for the more common special sciences. Offered conditionally in 1916-1917. Prerequisite, at least one year of college science.

CURRICULA LEADING TO DEGREES AND TO CERTIFICATES

Liberal Arts Curriculum

The following four years' curriculum is planned for those desiring a thoro preparation to teach the cultural subjects in high schools or to do executive work. A broad training is provided in several branches, and yet time is allowed for specialization and for technical education courses. The degree given is Bachelor of Arts (in Education).

English Composition and Literature	16 points
Latin, Greek, German, French or Spanish	16 points
History	8 points
Biology	8 points
Mathematics, additional Latin or additional Science	8 points
Philosophy	8 points
Education	20 points
Vocal Expression	5 points
Library Science for Teachers	2 points
Hygiene	2 points
Physical Training	2 points
Literary and Scientific Societies	2 points
Electives	33 points
Total	130 points

The elective points are to be chosen in such a manner that the student will complete a group of three closely related subjects in liberal arts, including a major subject of 32 points, and two minor subjects of 16 and 8 points, respectively. Examples of such a group would be: mathematics, physics, and chemistry; Latin, Greek and ancient history. This requirement is made in view of the fact that frequently the high school instructor is asked to teach two or three related subjects, and hence he should have a thoro preparation for teaching one subject and a sufficient training to give instruction in the elements of at least two others within the same general field.

SUMMARY OF COURSES BY YEARS

Freshman—	Points
English Composition, Eng. 1, 2	4.4
Latin, Greek, German, French or Spanish	4.4
History	4.4
Biology	4.4
Hygiene	1.1
Sophomore—	
English Literature, Eng. 3, 4	4.4
The Foreign Language taken in Freshman Year	4.4
Mathematics, Latin or additional Science	4.4
Vocal Expression	5.0
History of Education, Ed. 2	0.3
Junior—	
Educational Psychology, Ed. 5	3.0
Educational Principles, Ed. 10	0.3
Library Science for Teachers, L. S. 16	0.2
Special Subjects and Electives	12.10
Senior—	
The High School, Ed. 15	3.0
Educational Administration, Ed. 16	0.3
Methods in Special Subjects, Ed. 19, 20 ......1.0 or	0.1
Class Observation and Practice Teaching, Ed. 21, 22 ......2.0 or	0.2
Philosophy 1, 4a, 4b	4.4
Special Subjects and Electives	7.6

The Two Years' Curriculum, leading to a Certificate (in Education) concentrates upon a few subjects highly essential to the grade teacher and to the teacher of special subjects in elementary and in secondary schools. Those giving special attention to English or to science work will elect an additional high school subject of 8 points.

English	8 points
Mathematics or Science	8 points
History	8 points
Elective High School Subjects	21 points
Educational Psychology, Ed. 5	3 points
Adolescence, Ed. 9	1 point
Educational Principles, Ed. 10	3 points
School Hygiene, Ed. 14	1 point
Methods of Special Subjects, Ed. 17, 18	1 point
Observation and Practice Teaching, Ed. 19, 20	3 points
Vocal Expression	5 points
Literary and Scientific Societies	1 point
Hygiene and Physical Training	3 points
Total	66 points

Religious Education Curriculum

The curriculum below is recommended for those who propose to prepare themselves for religious leadership. Its purpose is the training of young men and women for salaried positions as directors of religious education, pastor's secretaries and assistants, Sunday School specialists, church visitors, deaconesses, Christian Association secretaries, field workers, missionaries, Bible teachers, and the like. The demand for such trained workers is very strong and is constantly increasing. The vocation is a most inviting one and offers an ever widening sphere of usefulness. The degree of Bachelor of Arts (in Education) will be granted to those who complete the course as outlined below.

English	16 points
One Foreign Language	16 points
History	8 points
*Biology	16 points
General Psychology, Phil. 1	4 points
**Education	16 points
Biblical History and Literature	20 points
Religious Education (Bible 29-36)	12 points
Hygiene	2 points
Physical Training	2 points
Literary and Scientific Societies	2 points
Electives	16 points
Total	130 points

*If the student has already completed the equivalent of Biology C D, he may elect 8 of these points in some other science.

**For courses, see liberal arts curriculum.

It is recommended that the elective points be taken in such courses as sociology, economics, and vocal expression. A very necessary requirement for pastor's assistants and general secretaries is stenography and typewriting, and hence these subjects should be studied before entering college, or else taken as additional subjects during residence.

A Certificate (in Religious Education) will be granted to those who complete a two-year course as follows:

English	8 points
Biology	8 points
General Psychology, Phil. 1	4 points
*Education	12 points
Biblical History and Literature	20 points
Religious Education (Bible 29-36)	12 points
Hygiene and Physical Training	2 points
Total	66 points

*See liberal arts curriculum, short course.

Commerce-Finance Curriculum

The following work in commerce, finance, and education is designed to meet the requirements of those desiring to teach commercial branches in high schools. The work offered is of strictly college grade and leads to the degree of Bachelor of Arts (in Education). Candidates for graduation shall include in their units for admission two units chosen from the following subjects: bookkeeping, stenography, typewriting, and penmanship. There is at present an urgent demand for college-trained teachers of commercial subjects, and students who finish satisfactorily the course here outlined will be well prepared for work in this promising field.

English	16 points
A Modern Language	16 points
Biology, Physics or Chemistry	8 points
Mathematics 1, 22	8 points
History	18 points
Economics	4 points
Accounting	10 points
Banking	2 points
Elementary Law	4 points
Commercial Law	4 points
General Psychology, Phil. 1	4 points
*Education	20 points
Electives	10 points
Hygiene	2 points
Physical Training	2 points
Literary and Scientific Societies	2 points
Total	130 points

*For courses, see liberal arts curriculum.

The prescribed history comprises courses in U. S. history, financial history, industrial history, and constitutional law. The Electives are to be chosen from the following courses, with points as given: foreign commerce, 2; geography of commerce, 4; industries, 2; resources, 2; distribution, 3; transportation, 3; administration, 4; finance, 3.

A Two Years' Curriculum leads to a Certificate (in Education). Certain essentials are emphasized and sufficient preparation is given for teaching successfully the elements of various commercial branches.

English	8 points
A Modern Language	8 points
Mathematics or Science	8 points
Commerce and Finance	24 points
History	4 points
*Education	12 points
Hygiene and Physical Training	2 points
Total	66 points

*See liberal arts curriculum, short course.

Manual Arts Curriculum

The efficient supervisor or special teacher of manual arts must possess both technical skill and broad professional insight. To meet this double need, a curriculum is arranged which allows sufficient time for manual theory and practice, and yet provides for general educational work and for broad cultural training. The teaching of these practical subjects in elementary and high schools offers one of the best opportunities for social service, especially when such teaching is associated with instruction in gymnasium work and general athletics. The work leads to the degree of Bachelor of Science (in Education).

English	16 points
A Modern Language	8 points
Laboratory Science	8 points
Mathematics	8 points
Manual Training	18 points
Carpentry	4 points
Mechanical Drawing	12 points
Designing	4 points
Education	20 points
Electives	34 points
Hygiene	2 points
Physical Training	2 points
Literary and Scientific Societies	2 points
Total	130 points

The 18 points in manual training may comprise work in wood only, or in both wood and iron, as may be preferred. Electives recommended are: applied arts, wood carving, motive power, history, vocal expression, biology, physical education and athletics.

The Two Years' Curriculum, which leads to a Certificate (in Education) emphasizes the history and principles of manual training and gives ample opportunity for practice teaching.

Literary-Music Curriculum

Students who take Literary-Music studies with a view to teaching after graduation should avail themselves of the facilities afforded by the School of Education. The full course as outlined below leads to the degree of Bachelor of Science (in Education), with music and literary studies as major and minor subjects.

English	16 points
Modern Language	24 points
History	8 points
Biology	8 points
Mathematics, or additional Science	8 points
Music	32 points
Logic and Ethics	4 points
Education	20 points
Hygiene	2 points
Physical Training	2 points
Literary and Scientific Societies	2 points
Electives	4 points
Total	130 points

The Two Years' Curriculum, leading to a Certificate (in Education) includes work as follows:

English	8 points
Modern Language	16 points
Music	20 points
Mathematics or Science	8 points
Education 5, 9, 10, 14	8 points
Hygiene	2 points
Physical Training	2 points
Vocal Expression	2 points
Total	66 points

MANUAL TRAINING

LORELL M. COLE, *Professor.*
HENRY A. BOHL, *Instructor.*

Students entering the courses here provided for teachers and supervisors must give evidence of having completed preparatory work equivalent to that of a four years' high school course. However, a certain amount of technical training or experience may be accepted as part of the requirements.

Those who complete two years of approved manual training and two years of regular college work, will be given the degree of Bachelor of Science in Manual Training. The college subjects must include at least one year of a foreign language, two years of English, one semester of descriptive geometry, one semester of applied mathematics, one year of laboratory science, one semester of advanced education, and one semester of the history of industries.

A two-year teachers' certificate course in manual training is offered to candidates who satisfy the regular college entrance requirements, and who in addition present with the following two-year special manual training course, at least one year of approved teaching experience or administrative work, or another year of college work.

The special certificate attesting completion of the two-years' course in manual training will be issued to any student who finishes 64 points of the approved work outlined below:

First Year—	Hours	Points
English 1, 2		4.4
Manual Training 3		
Manual Training 9, 10	(4)	2.2
Mechanical Drawing 15, 16	(6)	3.3
Carpentry 21, 22	(4)	2.2
Wood Turning 5, 6	(4)	2.2
Applied Arts 3, 4	(4)	2.2
Applied Arts 1, 2	(4)	2.2
Design	(4)	2.2
Wood Carving		2.
Manual Training 2		.2
Second Year—		
Educational Psychology, Ed. 5		3.0
History of Education, Ed. 2 or		0.3
Adolescence, Ed. 9		1.0
School Hygiene, Ed. 14		0.0
Manual Training 1, 4	(4)	2.2
Manual Training 11, 12	(4)	2.2
Pattern and Foundry 7, 8	(4)	2.2
Mech. Drawing 17, 18	(6)	3.3
Forging 13, 14	(4)	2.2
Machine Shop and Motive Power 19, 20	(4)	2.2
Practice Teaching		

Description of Courses

1. History and Literature of Manual Training—

This course reviews the history of the development of industrial handwork in the various European Countries, with a more detailed and comprehensive study of this subject as a factor in the growth of the educational system in our own country.

The different types and phases of industrial education and industrial schools, are studied with a view to determining that best adapted to the needs of the community, and of society as a whole. In connection with this subject a course of reading is outlined that brings the students in touch with the best thinkers and workers in this field. 2 points.

2. Theory and Principles of Teaching Manual Training—Prerequisite, M. T. 9.

In this subject a very careful and detailed study of the correct technique in the use of tools and of tools processes is made by every student. The work and instruction is of such a fundamental and practical nature that a student may make his learning and skill the basis of a "trade" if he so desires. The conduct of classes from the psychological, pedagogical and practical standpoints is emphasized.

Class ideals, discipline, quality of work, application of art principles, the dignity of labor, a proper respect for tools and machinery receive attention.

Comprehensive and complete sets of notes in this and other Manual Arts subjects are hand printed by the student. 2 points.

3. **Manual Training for Primary Grades**—This course will involve a study of the processes suitable for handwork in the lower grades of the elementary school, and practice in manipulating materials. It will include paper work, cardboard, raffia, reed, leather, rope and elementary bookbinding. 2 points.

4. **Organization, Equipment and Supplies**—Problems concerning the organization and equipment of manual training schools will be considered and existing practice investigated; cost of equipment, supplies and maintenance; design of apparatus, fixtures, etc. 2 points.

5, 6. **Wood Turning**—2 points a semester.

7, 8. **Pattern and Foundry Work**—See School of Engineering. 2 points a semester.

9, 10. **Elementary Woodworking**—Instruction in the use of simple bench tools and in the construction of articles suitable for manual training in the higher grades of the elementary school. 2 points a semester.

11. **Mill Work**—A study of the constructive principles and varieties of woodworking machines. Much practical experience is provided in this course. 2 points.

12. **Advanced Benchwork and Cabinet Making**—2 points.

21, 22. **Carpentry**—House construction, window and door framing, inside finish, rafters, stairs. 2 points a semester.

Note—A year of more advanced shop work and mechanical drawing is offered to those desiring to specialize along industrial lines. In forging, mechanical drawing, pattern-making and machine-shop practice, comprehensive courses are given that fully cover the theory and practice in each subject. Each course is given with special reference to the pedagogical principles involved. In connection with the course in machine-shop practice, practical instruction is given in operating electric motors and steam and gas engines.

THE SCHOOL OF COMMERCE AND FINANCE

The Faculty

Albert R. Taylor, Ph.D., LL.D., *President.*

W. Wilberforce Smith, A.M., LL.D., *Professor of Economics.*

Roy E. Curtis, Ph.D., *Associate Professor of Commerce and Finance.*

Arthur B. Crosier, *Instructor in Commercial Courses.*

Albert T. Mills, A.M., LL.B., *Professor, History and Political Science.*

Robert J. Kellogg, Ph.D., *Professor of Modern Languages.*

Grace Patten Conant, Litt.D., *Professor of English.*

John C. Hessler, Ph.D., *Professor of Chemistry.*

Walter J. Risley, A.M., *Professor of Mathematics.*

John E. Rouse, Ph.D., *Professor of Philosophy and Education.*

Ansel A. Tyler, Ph.D., *Professor of Biology.*

Fred D. Townsley, A.B., *Professor of Physics.*

The requirements for admission to the School of Commerce and Finance are stated on page — of this Bulletin. Students who do not offer bookkeeping for admission may take introductory work in this subject during the Freshman year in regular Academy class. It is prerequisite for Accountancy, in Sophomore year.

The increasing magnitude and complexity of commercial and industrial enterprises render it expedient that those who aspire to any large measure of business success obtain, as do professional men, an education planned with reference to their vocation. They should lay a good foundation for the special knowledge which proficiency in a particular calling requires and for sound opinion upon public affairs. The paramount influence of the successful business man upon the moral tone and material welfare of the community makes it of high social importance that he be more than an expert money maker. Cultivation of an intelligent and appreciative regard for the interests and activities of his fellow men is conducive both to his happiness and his usefulness.

The distinctive studies of the course, because of their obvious utility and their close relation to current events, strongly appeal to young men; none the less, they are intended and are found to be effective for culture, developing mental efficiency, sane judgment, and large outlook upon life. They may be commended to those who expect to become lawyers, bankers, farmers, journalists, manufacturers, merchants, and to those who have not yet chosen their vocation but seek the discipline of liberal education together with knowledge most likely to prove of value in their future work.

Members of the School participate freely in all the general literary and social organizations of the College.

The course leads to the degree of Bachelor of Science in Commerce and Finance. For certain of the studies listed below, electives may be substituted from a large number of courses given in other departments of the College, such substitutions being in every case subject to approval by the head of the School. Electives frequently chosen are: mathematics, Bible study, public speaking, argumentation, mechanical drawing, additional science, history, modern languages, or English literature.

There is an active demand for college trained teachers of commercial subjects in high schools. Students preparing for this work may take, as electives, the professional courses requisite for state and county certificates, in the School of Education. (See Announcement of these courses, and requirements for the degree of A.B. with educational subjects, page 38.)

A special course, also, for commercial teaching in high schools, is provided, which may be completed, and a certificate obtained, in two years. Manual Training, or Physical Training, may be combined with courses in Commerce and Finance.

The subjects usual in commercial high schools and business colleges are taught in the Academy, and college students have the privilege of taking advanced bookkeeping, stenography, typewriting, and penmanship, without extra charge and without college credit. This opportunity is especially valuable to those who expect to enter employment demanding clerical skill, and may not complete the college course. Those who wish to study music find every advantage in the Conservatory.

Summary of Courses

Freshman—	Points
English 1, 2	4.4
Chemistry 1, 2, Physics or Biology	4.4
Geography of Commerce	4.0
Industrial History, History 2, a, b	0.4
*German 3, 4. French or Spanish	4.4
Sophomore—	
Accounting 3, 4	3.3
Economics 5, a, b	4.2
Money and Banking 6	0.2
Industries and Resources of U. S. 7, 8	2.2
History 3, 4	4.4
*German 5, 6. French or Spanish	3.3
Junior—	
English Literature 3, 4	4.4
Elementary and Commercial Law 9, 10	4.4
Distribution and Transportation 11, 12	3.3
Psychology and Philosophy	4.4
Accountancy 15, 16	2.2
Senior—	
Constitutional Law, History 7	3.0
International Law, History 8	0.2
Finance 13, 14	3.3
Foreign Commerce 18	0.2
Administration 17	4.0
Economic Problems 19	1.1
U. S. Financial History 21	0.3
Thesis 25, 26	2.2
Sociology 27, 28	2.2

*Note—Students entering without preparation for advanced work in modern language will take courses 1, 2. Five hours a week, the first year, and courses 3, 4, the second year.

Description of Courses

The distinctive courses of the School of Commerce and Finance are twenty-six. The general College catalog may be consulted for description of the prescribed courses in English, Foreign Languages, History, Chemistry, Philosophy. First semester courses bear odd numbers, and second semester courses even numbers.

Commerce

1. Geography of Commerce—A study of material resources and their availability, industries and the natural causes of their development; diversities of soil, climate, mineral deposits, and of racial character, as the basis of commerce. 4 points. Freshman.

7, 8. Industries and Resources of the United States—A study of the iron, textile and other selected industries, their materials, processes, products, history of their development. 2 points a semester. Sophomore.

11. Distribution—The manufacturer's and farmer's problem of marketing products, advertising and sales systems, produce markets, middlemen, etc. 3 points. Junior.

12. Transportation—Economic significance of modern development, organization and combination of railway systems, problems of traffic and rate-making, legislative control, inland navigation and coastwise commerce of the United States. 3 points. Junior.

18. Foreign Commerce—Volume and character of imports and exports, governmental regulations, consular service, commercial methods and requirements of foreign nations, recent and prospective developments. 2 points. Senior.

20. Systems and Methods of Teaching—Penmanship, stenography, typewriting and bookkeeping; for those intending to teach commercial subjects. 1 point. Elective after Freshman year.

Finance

3, 4. Accountancy—Science of constructing systematic records of business transactions; critical examination of the typical factors in capital and revenue accounts; forms of record and statement used in different enterprises; with illustrative problems and practice. Bookkeeping, a prerequisite. 3 points a semester. Sophomore.

6. Money and Banking—Form and functions of currency and credit, state and federal laws, foreign monetary and banking systems compared with those of the United States, fluctuations in the money market, reserves, note issue, the clearing house. 2 points. Sophomore.

13. Finance, Private and Corporate—Investments, problems of capitalization, promotion and financing of construction and operation; combinations and reorganizations. 3 points. Senior.

14. Public Finance—Governmental revenue and expenditures, principles of taxation, customs, excises, municipal bonds, and sinking funds; public domain. 3 points. Senior.

15, 16. Advanced Accountancy—Theory, law, and practice as to various reserves, special funds, fiduciary accounts, adjustments, and municipal accounting; purpose and fundamentals of cost accounting; auditing of accounts; with problems and practice. 2 points a semester. Junior.

17. Administration—Organization and management of industrial and mercantile establishments; distribution of function and control. Civic Business: Records, publicity, ownership and operation of public service systems. 4 points. Senior.

21. Financial and Tariff History of the United States—Legislation, and experience with respect to currency, banking, debt, income, expenditure, also a history of the tariff policies of the United States. 3 points. Senior.

Social Science

5 a, b. Economics—A general study of the fundamental doctrines of political economy regarding the origin and nature of public and private wealth, land tenure, rents, money, credit, wages, organizations of capital and of labor, markets, insurance, taxes, public utilities, etc. 6 points. Sophomore.

9. Elementary Law—The fundamental principles of American jurisprudence; outline and elements of statutory and common law and equity. 4 points. Junior.

10. **Commercial Law**—Contracts, bills and notes, bailments, agency, partnership, personal and real property, insurance, lease, etc. 4 points. Junior.
Constitutional Law—See History 7.
International Law—See History 8.

19. **Economic and Social Problems**—A study of current questions, such as control of corporations, elastic currency, trades unions, municipal reforms, indeterminate sentence, one or more of which may be chosen for special investigation. 2 points. Senior.

25, 26. **Thesis**—The subject must be chosen before November first of the Senior year, and approved by the head of the School. The thesis must be completed, in typewritten form, and placed in the hands of the advisory teacher by the first day of May. It is expected to embody results of original investigation in the line of the student's future occupation. 2 points a semester. Senior.

27, 28. **Sociology**—A study of social forces, laws, groupings, achievements, and of the population of the United States, its elements, growth and social characteristics. 2 points a semester. Senior.

THE SCHOOL OF DOMESTIC ECONOMY

The Faculty

Albert R. Taylor, Ph.D., L.L.D., *President.*

Mabel Dunlap, B.S., *Professor of Domestic Art.*

Edna L. Skinner, B.S., *Professor of Domestic Science.*

Opal Riddle, B.S., *Instructor in Domestic Art.*

Bessie A. Bishop, B.S., *Instructor in Domestic Science.*

Albert T. Mills, LL.B., A.M., *Professor of History and Political Science.*

Robert J. Kellogg, Ph.D., *Professor of Modern Languages.*

Grace Patten Conant, Litt.D., *Professor of English.*

John C. Hessler, Ph.D., *Professor of Chemistry.*

W. Wilberforce Smith, A.M., LL.D., *Professor of Economics.*

Walter J. Risley, A.M., *Professor of Mathematics.*

John E. Rouse, Ph.D., *Professor of Philosophy and Education.*

Robert W. Lahr, *Professor of the Theory and Practice of Art.*

Ansel A. Tyler, Ph.D., *Professor of Biology.*

The courses in the School of Domestic Economy are designed to serve two purposes. The first is to offer a four-year course to those who wish to specialize in domestic economy, leading to the degree of Bachelor of Science in Domestic Economy. The second is to offer elective courses as part of the general education of all the young women of the College. For this purpose a certain number of courses are given that demand no prerequisites in science.

Domestic Economy includes two specific lines of investigation and practice in the household arts.

(1.) Domestic Science, which embraces a variety of problems involved in the construction and equipment of the house, in the selection, preparation, preservation, and economic uses of foods; in dietetics; in personal and public hygiene; in home nursing and in household administration; with complementary courses in science.

(2.) Domestic Art, which includes the various problems involved in the selection of materials for garments of all kinds and for the proper artistic furnishing of the home; the processes by which they are produced and prepared; economy in purchasing and using the same; the attainment of skill in sewing, cutting, fitting, and designing garments; the application of artistic principles in millinery; a historical and practical study of textiles and of spinning and weaving and household decoration; complementary courses in fine and applied arts.

Methods of Teaching Domestic Science and Domestic Art, which includes practice teaching, is made a special feature of these courses. The past two years there has been opportunity for practice teaching in the Public Schools of Decatur. This arrangement will probably be continued indefinitely.

Course Required for the Degree of B.S., in Domestic Economy

Students in this course may major either in Domestic Science or Domestic Art. Certain subjects are required in both as follows:

Modern Languages	16 points	
English Literature and Composition	16 points	
Education	6 points	
History, Economics or Sociology	4 points	
Hygiene	2 points	
Physical Training	2 points	
Literary and Scientific Societies	2 points	
		48 points

In addition those majoring in Domestic Science are required to take—

Laboratory Science	24 points	
Domestic Economy Subjects	42 points	
Applied Arts	4 points	
Biology	4 points	
Electives	8 points	
		82 points
		130 points

In addition, those majoring in Domestic Art are required to take—

Laboratory Science	16 points	
Domestic Economy	42 points	
Fine and Applied Arts	10 points	
Biology	4 points	
Electives	10 points	
		82 points
		130 points

Summary, Four-Year Course, Domestic Science

Freshman—	Points
English 1, 2	4.4
French or German	
Chemistry 1, 2	4.4
Domestic Science 3, 4	3.3
Domestic Art 1, 2	2.2
Hygiene	1.1

Sophomore—	
English 3, 4	4.4
French or German	
Chemistry 5, 6	4.4
Applied Arts 9, 10	2.2
Domestic Science 5, 6	3.3

Junior—	
History, Economics or Sociology	0.4
**Biology 1, 2	4.4
Domestic Economy 1, 2	2.2
Domestic Science 7, 8	2.2
Domestic Art 3, 4	3.3

**If the student has completed Biology in the Academy, it will be an equivalent for the work in the Junior year, in which case the student will elect eight points from subjects not already in this course.

Senior—	
Education	3.3
Biology 5	4.0
Domestic Economy 17	2.0
Domestic Economy 15, 16	2.2
Domestic Science 18	0.2
Domestic Science 9, 10	2.2

Students majoring in Domestic Science are advised to elect from the following:

Domestic Art 5, 6.
Domestic Art 11, 12.
Domestic Art 13, 14.
Domestic Art 17, 18.
Bacteriology.
English 9, 10.
English 11, 12.
Applied Arts 1, 2.
Applied Arts 3, 4.
Fine Arts 19, 20.
Bible Study.
Biology 6.
Philosophy and Education.

Summary, Four-Year Course, Domestic Art

Freshman—	Points
English 1, 2	4.4
French or German	
Chemistry 1, 2*	4.4
Domestic Science 3, 4	4.4
Domestic Art 1, 2	2.2
Hygiene	1.1

*Elective on approval.

Sophomore—	
English 3, 4	4.4
French or German	
Domestic Art 3, 4	3.3
Domestic Art 11, 12	1.1
Domestic Art 17, 18	2.2
Applied Art 9, 10	2.2

Junior—	
History, Economics or Sociology	0.4
**Biology 1, 2	4.4
Domestic Economy 1, 2	2.2
Domestic Art 5, 6	3.3
Domestic Science 7, 8	2.2
Applied Art 1, 2	2.2

**If the student has completed Biology in the Academy, she will be permitted to elect eight points instead from subjects not already in this summary.

Senior—	
Education	3.3
Biology 5	4.0
Domestic Economy 17	2.0
Domestic Economy 15, 16	2.2
Domestic Science 18	0.2
Fine Arts 19, 20	1.1

Students choosing Domestic Art as their major are advised to elect from the following:

Domestic Art 13, 14.
Fine Arts 21, 22.
Manual Training 9, 10.
Applied Art 3, 4.
English 9, 10.
English 11, 12.
Biology 6.
Chemistry 1, 2.
Bible Study.
Philosophy and Education.

DESCRIPTION OF COURSES

First semester courses bear odd numbers and second semester courses even.

Domestic Economy

1. House Structure, Sanitation, and Cost—This course includes the following topics: Evolution of homes, situation, plan, construction, drainage, water supply, heating, lighting, ventilation. Open to all college students. Lectures, class and reference work. 2 points. 1 W. F.

2. House Furnishing—This course includes the study of artistic house furnishing as applied to floors, woodwork, ceilings, and walls; study of carpets, draperies, furniture and other household furnishings from their artistic and economic values. Continuation of Domestic Economy, 1. 2 points. 1 W. F.

15, 16. Theory and Practice of Teaching Domestic Science and Art—This course is designed to present methods of teaching domestic economy in schools of all grades. It includes a consideration of courses of study; school curriculum, equipment and cost of maintenance; planning and presentation of lessons to classes. (Hours for extra work arranged). Open to Seniors in domestic economy. Lectures, class work and practice teaching. 2 points a semester. 7 M. Th.

17. Household Administration—This course deals with the evolution of family and home; present social value of home; organization of household; expenditure of income; care of house and family; systematic methods of housekeeping. Recommended to Juniors and Seniors. Lectures, collateral reading. 2 points. 6 T. Th.

Domestic Science

3, 4. Cookery of Foods—This course includes a study of the classification, selection and preparation of food; changes effected by heat and cold upon different foods according to their composition. Lectures and laboratory work. Open to all college students. 3 points a semester. A. 5 W., 5, 6 M. Th.; B 5 W., 5, 6 T. F.

5, 6. Experimental Cookery—This course includes a study of the production, manufacture, preservation and economic uses of foods, including adulterants and substitutes. Attention is given to the study of recipes, and the comparative cost of the materials involved with special stress on weights and measures, and the use of the thermometer in processes of cookery. Lectures and laboratory work. 3 points a semester. 1 S., 3, 4 T. F.

Prerequisites—Domestic Science 3, 4; Chemistry 1, 2. Parallel Course—Chemistry 5, 6.

7, 8. Preparation of Meals and Table Service—This course includes the study, planning and cooking of breakfasts, luncheons, dinners and suppers, also various methods of garnishing and serving with special regard to limitations of cost. This course will offer opportunity for demonstration cookery. 2 points a semester. 3, 4 W. S.

Prerequisites—Domestic Science 3, 4; Domestic Science 5, 6; Chemistry 1, 2.

9, 10. Dietetics—This course aims to present the fundamental principles of human nutrition, and to teach their application under varying conditions of health and disease. Typical dietaries are planned to satisfy various requirements in families. 2 points a semester. 1 T. Th.

Prerequisites—Domestic Science 3, 4; Domestic Science 5, 6; Domestic Science 7, 8; Chemistry 1, 2; Chemistry 5, 6.

18. Home Nursing—This course includes a study of the care of the family health; simple diseases and their prevention; the care of young children and invalids; invalid dietaries; first aid to the injured. It is recommended that Biology 5, 6 be pursued as a parallel course. Open to all advanced students. 2 points. 6 T. Th.

Domestic Art

1, 2. Plain Sewing—This course includes practice in hand and machine sewing; application of stitches to under-garments and simple dresses; study and use of commercial patterns; knitting; crocheting, darning and simple embroidery; discussion of materials as to cost, widths, suitability and comparative wearing quality. Students provide their own material subject to the approval of the instructor. Open to all college students. 2 points a semester. A. 5, 6 M. Th., B. 5, 6 T. F.

3, 4. Dressmaking—This course includes the making of unlined dresses in silk and wool suitable for school and afternoon wear; the discussion of materials as to cost, widths, required amounts, suitability and comparative wearing qualities; drafting, cutting and fitting of patterns; drafting, cutting and making of tailored shirt waists. Students provide their own materials subject to the approval of instructor. Lectures and laboratory work. 3 points a semester. A. 5 W., 3, 4 T. F., B. 5 W., 3, 4 W. S.

Prerequisites—Domestic Art 1. 2. Parallel course Domestic Art 11, 12.

5, 6. Advanced Dressmaking and Tailoring—This course continues the work of Domestic Art 3, 4 and deals with the more complicated problems of dressmaking and tailoring. 2 points a semester. 5, 6 T. F. Prerequisites—Domestic Art 1, 2; Domestic Art 3, 4.

11, 12. Millinery—This course includes practice in making frames from buckram, willow and wire; covering with velvet, net and straw; lining and finishing; pressing and renovating velvet and ribbons. Students furnish their own material subject to the approval of the instructor. 1 point a semester. A. 3, 4 M., B. 3, 4 Th.

13, 14. Fine Needlework—This course includes the making of French embroidery suitable for lingerie, dress and household linens; shadow embroidery; Irish crochet; tatting, knitting, cross-stitch and Swedish weaving; French knots, rickrack, Munich embroidery and cut-work. Elective to students having a knowledge of plain sewing with some skill in needlework. Students furnish their own material. No laboratory fee with this course. 1 point a semester. 2 T. F.

17, 18. Textiles—This course includes the study of the primitive forms of textile industries and the development of these into the present methods of spinning, carding and weaving; the growth, manufacture and finishing processes of cotton, wool, silk and linen; the testing of fabrics for adulterants. Students are given opportunity for practical work on looms in weaving of rugs, table-runners and towels. 2 points a semester. 2 W. S.

21, 22. Woman's Relation to the Social Field—The aim of this course is to give students a better appreciation of their relation to the general problems of women in the social and industrial world. The class work consists of the discussion of sweatshop labor; leagues for social betterment, as Consumers,' Housewives' and Municipal League; child labor; minimum wage; bargains; ethics of shopping, etc. The course is elective and open to all women students of the University. 1 point a semester. 3 M.

23, 24. Textile Art Appreciation—This course is planned to meet the needs of those students who desire a higher appreciation of the textile arts as represented in lace, tapestry and oriental rugs. The work consists of the study and discussion of these as to origin, growth and decline. Recommended to Juniors and Seniors. 1 point a semester. 1 S.

Special Teachers' Certificate Courses

A two-year teachers' certificate course in Domestic Art or Domestic Science is offered under the following conditions:

1. The candidate must present the regular college entrance requirements, and

2. One or more years of experience in teaching or administrative work of such character as may be approved by the College.

A three-year teachers' certificate course including the first two years' regular work and thirty-two hours additional designated work from the Junior and Senior college courses is offered.

Special Certificates

Students who register for the Special Teachers' Certificate Courses may major in either Domestic Science or Domestic Art. Certain subjects are required in both as follows:

English	8 points	
Education	6 points	
Hygiene	2 points	
		16 points

In addition those majoring in Domestic Science are required to take—

Domestic Economy Subjects.	38 points	
Chemistry	8 points	
Electives	4 points	
		50 points
		66 points

In addition, those majoring in Domestic Art are required to take—

Domestic Economy Subjects.	38 points	
History, Economics, or Sociology	4 points	
Electives	6 points	
		48 points
		66 points

SUMMARY, SPECIAL CERTIFICATE COURSES

Domestic Science

First Year—	Hours	Points
English 1, 2		4.4
Chemistry 1, 2	(6) (6)	4.4
Domestic Science 3, 4	(5) (5)	3.3
Domestic Art 1, 2	(4) (4)	2.2
Domestic Economy 1, 2		2.2
Second Year—		
Domestic Science 5, 6	(5) (6)	3.3
Domestic Science 9, 10		2.2
Domestic Science 18		0.2
Domestic Art 3, 4	(5) (5)	3.3
Domestic Economy 15, 16		2.2
Domestic Economy 17		2.0
Education		3.3

Domestic Art

First Year—	Hours	Points
English 1, 2		4.4
History, Economics or Sociology		0.4
Domestic Art 1, 2	(4) (4)	2.2
Domestic Science 3, 4	(5) (5)	3.3
Domestic Economy 1, 2		2.2
Second Year—		
Domestic Art 3, 4	(5) (5)	3.3
Domestic Art 17, 18		2.2
Domestic Science 5, 6	(5) (5)	3.3
Domestic Science 18		0.2
Domestic Economy 17		2.0
Domestic Economy 15, 16		2.2
Education		3.3

ASTON HALL—DORMITORY FOR WOMEN

THE SCHOOL OF FINE AND APPLIED ARTS

The Faculty

Albert R. Taylor, Ph.D., LL.D., *President.*

Robert W. Lahr, *Professor of the Theory and Practice of Art.*

Elizabeth W. Putnam, *Instructor in Design and the Theory and Practice of Fine and Applied Art.*

Emma L. Baker, B.S., *Instructor in Keramics.*

Emma B. Robbins, *Instructor in Fine and Applied Art.*

Isabella T. Machan, A.M., *Professor of Latin and Greek, and Lecturer in History of Sculpture.*

Grace Patten Conant, Litt.D., *Professor of English.*

Robert J. Kellogg, Ph.D., *Professor of Modern Languages.*

Lorell M. Cole, *Professor of Manual Training.*

John E. Rouse, Ph.D., *Professor of Philosophy and Education.*

Ansel A. Tyler, Ph.D., *Professor of Biology.*

Carl I. Head, B.S., *Instructor in Mechanical Drawing.*

Davida McCaslin, A.M., *Associate Professor of English.*

Bonnie R. Blackburn, A.B., *Associate Professor of Modern Languages.*

Organization and Purpose

This school aims to conduct its various departments so that its students may not only obtain a technical training, but also may have the advantage of a liberal education. While the individual courses thruout undertake the problems in theory, practice and history, it is the constant endeavor of this school to hold up the ideals that have given art a place in human life for all time.

With these purposes in mind the school offers its seven large studios and work-shops for the study of art, in preparation for practical work as artists, illustrators or craftsmen, or as teachers in normal and high schools.

Admission

Candidates for admission to courses leading to degrees and certificates must offer the admission subjects required by the School of Liberal Arts and in addition approved credits in art subjects or electives on page 10.

Degrees and Certificates

The school offers regular courses leading to the degree of B.S. in Fine or Applied Arts, covering a period of four years' study. The major may be chosen in either fine or applied arts. Students who find it impossible to pursue the work required for a degree may choose a shorter course leading to a certificate. This course covers three years' study. Students who come exceptionally well prepared or who offer teaching experience, may complete this course in two years, on the approval of the faculty. Students not seeking college credit may enter certain classes of the school at any time if approved by the director.

A student specializes either in fine arts or in applied arts, but he may choose the electives from the one other than that in which he specializes, or he may choose them from any of the other schools of the College, provided the courses be related to his specialty and form as a whole a minor specialty. This arrangement is made owing to the fact that a student may wish to teach other studies along with his main subject. These latter would most naturally be of a practical character, such as manual training, domestic economy or music, but liberal arts branches would also be found useful.

SUMMARY OF COURSES

Leading to Degree:

History	8 points
English	8 points
Biology	8 points
Hygiene	2 points
Physical Training	2 points
Literary and Scientific Societies	2 points
Minor Study (any School)	12 points
Electives	20 points

With Fine Arts as a Major—

Antique Drawing	4 points
Construction	4 points
Still-life	4 points
Drawing from Costumed Life	4 points
Portraiture	8 points
Mural Composition	4 points
Illustration	4 points
Design	6 points
Linear Perspective	1 point
Artistic Anatomy	2 points
Clay Modeling	8 points
Art Appreciation	2 points
Art Histories	6 points
Mechanical Drawing	6 points
Lettering	1 point
Thesis	4 points

With Applied Arts as a Major—

Applied Art (8 points must be in Pottery)	22 points
Design	9 points
Antique Drawing	4 points
Construction	4 points
Drawing from Costumed Life	4 points
Still-life	4 points
Mechanical Drawing	6 points
Linear Perspective	1 point
Art Appreciation	2 points
Art Histories	6 points
Clay Modeling	4 points
Thesis	4 points
Total	130 points

Those preparing to teach are expected to include the following courses from the School of Education:

History of Education, Ed. 2	3 points
Educational Psychology, Ed. 5	3 points
Adolescence, Ed. 9	1 point
Educational Principles, Ed. 10	3 points
School Hygiene, Ed. 14	1 point
Normal Art, and Practice Ed. 17, 18, 19, 20	8 points

Leading to Certificate:

Fine or Applied Arts	56 points
Education	20 points
English	12 points
Hygiene and Physical Training	3 points
Literary Society	1 point
	92 points

Fine Arts

Studio Practice

1, 2. Antique Drawing—It is essential that the student acquire a thoro knowledge of the underlying principles that govern draftsmanship. With this aim in view, the drawing from casts offers a logical introduction to the succeeding courses. 2 points a semester. Freshman. Prerequisite, F. A. B., or its equivalent. 5, 6 M. F.

1a, 2a. Construction—The problem of tone values is introduced. The figure is substituted for the antique. 2 points a semester. Sophomore, 3, 4 W. F.

3, 4. Still-Life—The aim of this course is to familiarize the student with the laws of color and harmony and the methods of handling the various mediums. Charcoal, colored chalk, pen and ink, water-color and oil are used during the course. In season the work is carried on out of doors in the study of landscape. 2 points a semester. Freshman and Sophomore. 5, 6 T. Th.

5, 6. Mural Composition—This course aims to make a careful, methodical study of the laws governing the balance and composition of line, color and massing in a picture. To stimulate imagination the student is required to make studies for original decorative murals and other compositions. The advanced students are permitted to carry on their sketches for a thesis. The size is limited to 3 x 10 ft. 2 points a semester. Junior and Senior. 5, 6 M. F.

7, 8. Drawing from Life—Recognizing the importance of the human figure in art, a thoro study of the construction of the figure is here insisted upon. The methods used in the French schools are carried out as closely as is practical. 2 points a semester. Junior and Senior. 3, T. W. Th. F.

9, 10. Portraiture—The aim of this course is to give the student a thoro knowledge of the construction of the head. Models are used daily and emphasis is placed on the value of an intimate knowledge of artistic anatomy, a prerequisite course. The advanced students are permitted to use various mediums. 4 points a semester. Sophomore, Junior or Senior. 3, 4 T. W. Th. F.

9a, 10a. Illustration—This course aims to meet the present demand for competent practical designers and commercial illustrators. The course includes lettering, catalog creating and arranging; designing of covers, head and tail pieces, etc. The accent is continually placed on unique and original ideas. All practical problems are studied and analyzed. This course will only be open to students who have shown by their work in the preceding courses, or their equivalent, that they are sufficiently prepared. 2 points a semester. 3, 4 T. Th.

11, 12. Clay Modeling—This course aims to meet the requirements for normal work. It is an excellent elementary course for those students who wish to continue the fine arts work in the direction of sculpture. Castings from the chip and piece mould are made of the best problems. 2 points a semester. Sophomore. 1, 2, 3, 4 M.

13, 14. Advanced Modeling—This course is designed to prepare the student thoroly for serious work in sculpture and practical decorative modeling. It also aims to give the normal student a better grasp of the subject. Daily models are used and original compositions developed. 2 points a semester. Junior and Senior. 1, 2, 3, 4 M.

History and Theory

15, 16. Artistic Anatomy—Dealing with the bones and muscles of the body, illustrated with analytical sketches and lectures. A parallel required course to F. A. 1, 2, and of the utmost value to the life class student and in illustration work. 1 point a semester. Freshman and Sophomore. 5 W.

17. Linear Perspective—A scientific study of the principles governing mechanical and freehand perspective. 1 point a semester. 7 M.

19, 20. Art Appreciation—A course leading to the understanding and appreciation of the artist's motives and methods, and to an intelligent analysis of the world's greatest masterpieces in art. Intended as an introduction to the study of aesthetics. 1 point a semester. Open to all students of the college. 4 S.

21, 22. History of Painting—This course will be given by means of lectures, recitations and collateral reading and is intended to lead to an intimate knowledge of the best examples of painting. 1 point a semester. Sophomore, Junior, or Senior. 3 S.

23, 24. History of Sculpture—A comparative study of the best examples of Greek and Roman sculpture. 1 point a semester

25, 26. History of Architecture—A study of the different schools of Architecture, with a careful analysis of the different styles of ornamentation. 2 points a semester. Senior. 7 F., 1 S.

27, 28. Theory and Practice of Teaching Art—Treating of art as a factor in the public school education, planning a course of study for the elementary and secondary schools, presentation in the class room, practice in teaching under observation. Open to Art Seniors. 3 points a semester.

29. Thesis—Written thesis to be along the line of original research on some topic in art or design.

30. Thesis—The Fine Arts practical thesis must be in clay or in oil painting. The Applied Arts practical thesis must be in pottery, copper or silver. Subjects must be approved by the Director. 8 hours a week. 4 points.

Applied Arts

Studio Practice and Theory

1, 2. History and Craft of the Potter—This course takes up clay as a medium for artistic expression. A short introductory course of lectures briefly outlines the history of pottery, its wide field for decorative interpretation and the successful results obtained by western and eastern artists. Students begin, by hand building and moulding, simple problems which take up the technical difficulties involved. Throwing, surface decorations by various methods, and finally firing and glazing are studied. Students are given an opportunity to get a practical knowledge of the loading and firing of a pottery kiln. The preparation of glazes is studied. During the last five weeks of the second semester the principles of basket weaving and embroidery are introduced. This work frequently lends itself to unique combinations with the pottery. It gives the class an opportunity to complete the firing of their clay studies. Prerequisite, A.A., 9, 10. 2 points a semester. A. 5, 6 T. Th., B. 7, 8 T. Th.

3, 4. Craft of the Coppersmith—The problems assigned in this course involve the difficulties encountered in the use of copper as a medium of expression. Filing, piercing, hard and soft soldering, riveting and beating are studied in their order. Students also learn to make some of their elementary tools. As they advance, champleve enamel is introduced to enrich the surface decoration. The course continues in repoussée and fine chasing. Students later apply their experience to more elaborate problems which have a distinctly commercial value. 2 points. A. 5, 6 M. F., B. 7, 8 M. F.

5, 6. Craft of the Silversmith—This course continues the study of the preceding course by assigned problems in a more valuable metal. Students are taught refinement and good taste in jewelry design. The study and practice of stone-setting, chain-making, engraving and enameling on originally designed objects, bring out the technical difficulties that confront the silversmith. Prerequisite, A.A., 3, 4. Parallel course A.A., 11a, 12a. 2 points a semester. 5, 6 T. Th.

7, 8. Craft of the Goldsmith—The character and treatment of gold in ornament, with consideration of built-up designs. Review of the principles of preceding classes by the formation of large center table lamp involving the use of copper, pottery and stained glass. Care of the enamel, biscuit and glost kilns, preparation of firing tables. Analysis of glazes enter into the consideration of this problem. Prerequisite, A.A., 5, 6. 2 points. 5, 6 T. Th.

9, 10. General Design—The object of this course is to educate students to comprehend and appreciate the value of decoration in art. All students commence at once on exercises in original design until the principles are well understood. Studies are pursued to develop appreciation of harmony of line, light and dark, and color, and to cultivate original expression. The principles of design are applied to a variety of subjects—plant life, animal life and abstract motives being used. A study of historic ornament later in the course gives the student a connected idea of the relationship of ornament in the various periods of art. This course prepares the way for the application of design in the practical courses. Required of all Fine and Applied Arts, Domestic Art and Manual Training degree and certificate students. 2 points a semester. 3, 4 T. or Th., 7, 8 F.

11, 12. Applied Design—Design applied to the Art Crafts. Class work and lectures are required of all students taking Applied Arts courses 3, 4. 1 point a semester. Sophomore. 7 M.

11a, 12a. Applied Jewelry Design—A lecture and recitation course required in parallel with A.A., 5, 6. 1 point a semester. Junior. 3 W.

13, 14. Applied Design—Special training in the preparation of designs for weaving, stenciling, textiles, wall papers. Study of color harmony and design principles applied to house decorations. Required of Domestic Art students. Prerequisite, Applied Arts, 9, 10. 1 point a semester. Sophomore. 5, 6 F.

15, 16. Keramics—In this course all work must be original to secure college credits. Prerequisite, F.A. A, B, C, D.—A.A. A, B may be submitted for F.A. C, D. See "Special Keramics," for terms. 2 points a semester. 1, 2, 3, 4 S.

Special Course in Keramics—Instruction in this subject includes elementary principles of design and color harmony, the practical application of designs to Keramics, use of tools and appliances, properties of paints, bronzes, lustres, gold, and methods of firing. Fees, payable in advance, are: One term, 9 weeks, 18 lessons, $10; two terms, 36 lessons, $18. Firing is furnished by the University at fifty per cent standard rates. A new kiln has recently been added which accommodates larger pieces than can usually be fired in college kilns. Recommended parallel course A.A. 9, 10.

17, 18. Leather Decoration—This course takes up the practical application of design on leather as a medium of expression. At least a year of design is necessary as a prerequisite. 2 points a semester. 3, 4 Th., 7, 8 F.

20. Decorative Lettering—A course designed to study artistic lettering with intent to practical use. 1 point.

21. **Advanced Pottery**—A course open to students who have had a thoro understanding of design and who have previously taken A.A. 1, 2, or its equivalent. The work consists in a study of glazes and fine inlaid decorations. 1 point. A. 5, 6 T. Th., B. 7. 8 T. Th.

23, 24. **Advanced Design**—In this course interior decoration is studied from the making of the plan to the furnishing of the interior. Each room is treated as a problem, the students designing the rugs, furniture, light fixtures, hangings, wall paper, etc. The student is urged to consider usefulness, good taste and design, color harmony and pleasing arrangement. Prerequisite, A.A. 9 and 10. 2 points a semester. 3, 4 F.

Special Fees—Courses 1, 2, 3, 4, 5, 6, 7, 8, and 21 in Applied Arts and 11, 12, 13, and 14 in Fine Arts require a maintenance fee of $2.00, payable with tuition. This does not include materials used by students. In case two courses are taken in the same studio during one semester there shall be but a single fee for each semester. A small firing fee for pottery is collected by the teacher in charge of the pottery kiln.

Courses in F.A. 1a, 2a 7, 8, 9, 10, 13, 14 require a model fee of $2.00, payable with tuition.

Permanent Student Exhibition—The school reserves the right to hold as a permanent collection any article or work of art created by a student. Such work will then become a record of the standard reached by successive classes.

A special illustrated Fine and Applied Arts Bulletin will be mailed on application. Address—Registrar of the University, Decatur, Illinois.

AUDITORIUM

POWER HOUSE AND MACHINERY HALL

THE SCHOOL OF ENGINEERING

The Faculty

Albert R. Taylor, Ph.D., LL.D., *President.*

Fletcher A. Gould, B.S., C.E., *Professor of Civil Engineering.*

Carl I. Head, B.S. in M.E., *Instructor in Engineering Drawing.*

John C. Hessler, Ph.D., *Professor of Chemistry.*

Walter J. Risley, A.M., *Professor of Mathematics.*

Fred D. Townsley, A.B., *Professor of Physics.*

Robert J. Kellogg, Ph.D., *Professor of Modern Languages.*

Grace Patten Conant, Litt.D., *Professor of English.*

Henry A. Bohl, *Instructor in Pattern and Foundry Work.*

Admission to this school requires the completion of course I or course II in the Academy or its equivalent elsewhere. See pages 10, 62.

Three two-year introductory courses in engineering are offered: Civil Engineering, Electrical Engineering, and Mechanical Engineering. The work is made thoroly practical by the use of the shop, the laboratory, and the field, and by visits of inspection to plants illustrating engineering practice for which Decatur offers superior opportunities for such inspection and study.

These courses have been planned with the belief that the first essential to a successful engineer is a thoro training in mathematics, and in the principles of engineering. Attention is given, not only to the study of the theory, but to its practical application in the class-rooms, shops and laboratories. It is in harmony with the best courses in other engineering schools and gives a fine preparation for the Junior and Senior courses offered elsewhere. The equipment for these courses is most ample as well as thoroly up-to-date in every respect.

The mathematics, drafting, physical and chemical sciences, modern languages, and much of the technical work demanded in the first two years of these three courses are very similar. The specialization leading to the degree in all engineering schools comes largely in the last two years in the course.

The courses for the Freshman and Sophomore years, as here outlined, are intended to fit students for entrance to Junior standing in the best engineering schools and colleges in the country.

Civil Engineering

The technical courses in Civil Engineering deal with mechanics, surveying and drawing. The following are special subjects which are given by this department during the freshman and sophomore years: plane and topographic surveying; engineering drawing, descriptive geometry and analytic mechanics.

The department is equipped with the necessary surveying and railway engineering instruments, including the compass, transit, level, chains, tapes, rods, flag poles, aneroid barometer, sextant, plane table, etc.

SUMMARY OF CIVIL ENGINEERING

Freshman—	Hours		Points
Mathematics 5, 6			5.5
English 1, 2			4.4
Drawing, Engineering, C. E. 1	(12)	(0)	4.0
Descriptive Geometry, C. E. 2	(0)	(8)	0.4
Chemistry, 3, 4	(6)	(6)	4.4
Sophomore—			
Calculus, Math. 7, 8			5.5
Physics, Phys. 1, 2	(7)	(5)	5.5
Surveying, C. E. 3, 4	(11)	(12)	5.4
Analytic Mechanics, C. E. 20			0.3
Language			4.4

Junior and Senior Courses

Note—The courses for the Junior and Senior years, tho not now offered here, are given herewith for convenient reference for students who may wish to take those years elsewhere, tho some modifications will probably be found in some institutions.

Junior—

Mechanics of Materials.
Hydraulics.
Railroad Engineering.
Graphic Statics.
Accounting and Auditing.
Geology.
Materials of Engineering.
Engineering Laboratory.
Stresses in Structure.
Bridge Design.
Direct Current Machinery.

Senior—

Elementary Law.
Philosophy.
Water Supply Engineering.
Sewerage.
Bridges and Structures.
Bridge and Structural Design.
Masonry and Concrete.
Masonry and Concrete Design.
Masonry and Concrete Tests.
Roads and Pavements.
Contracts and Specifications.
Tunneling.
Thesis.

DESCRIPTION OF COURSES

Freshman and Sophomore

1. Engineering Drawing—prerequisite. Plane and solid geometry. Required of all engineering students. Deals with care and use of drafting instruments and the theory and practice of orthographic and isometric projection, developments, and the elements of engineering drawing. One period a week is given to free-hand sketching and lettering. Text-book: Anthony's Mechanical Drawing. 4 points. 1 T. Th., 2 Th., 5, 6, 7 T. Th. F.
2. Descriptive Geometry—Prerequisite, Solid Geometry and Engineering Drawing, (C. E. 1). Required of all engineering students. Text-book: Miller, Descriptive Geometry. 4 points. 1 T. Th. F., 2 Th., 5, 6, 7 M. T.
3. Plane Surveying—Prerequisite, Plane Trigonometry. Required of all civil engineering students. The work consists of two hours per week recitation work in the theory of surveying, with 9 hours per week field work. Practice is had in the use of the chain, compass, level and transit and later an extended survey is made of some tract of land which is platted in the latter part of the semester. Text-book: Breed and Hosmer's Principles and Practice of Surveying, Vol. 1, and Pence and Ketchman's Surveying Manual. 5 points. 3 T. Th., 5, 6, 7 M. F., 2, 3, 4 S.
4. Higher Surveying—Prerequisite, Surveying 3. This is a continuation of course 3. It includes the use of the transit, stadia and plane table as applied to the methods of conducting an extended topographic survey. 4 points. 3 T. Th., 5, 6, 7 M. F.

20. Analytic Mechanics—Prerequisite, Calculus 7. This course consists of the study of those problems of mechanics which are the basis of all work done in engineering design. Text-book: Hancock's Applied Mechanics for Engineers. 3 points. 4 M. W. F.

Electrical and Mechanical Engineering

The technical courses in Electrical and Mechanical Engineering deal with the design and construction of machines and apparatus, tools and fixtures. The following are the special subjects given by this department during the Freshman and Sophomore years: Machine, Design, Kinematics, Pattern-making, Foundry, Forge and Machine Shop Practice.

The shops are equipped with modern machines and tools and the instruction is conducted along the lines pursued in commercial shops.

SUMMARY OF ELECTRICAL AND MECHANICAL ENGINEERING

Freshman—	Hours	Points
Mathematics, 5, 6		5.5
Chemistry, 3, 4	(6) (6)	4.4
English, Eng. 1c, 2c		4.4
Engineering Drawing, C. E. 1	(12)(0)	4.0
Descriptive Geom., C. E. 2	(0) (8)	0.4
Sophomore—		
Calculus, Math. 7, 8	(5) (5)	5.5
Physics, Phys., 1 ,2	(7) (7)	5.5
Mechanics, C. E. 20	(0) (3)	0.3
Pattern work, Forge and Foundry, M. E. 1, 2 and 3	(9) (9)	3.3
Language		4.4

JUNIOR AND SENIOR COURSES

Note—The courses for the Junior and Senior years, tho not now offered here, are given herewith for convenient reference for students who may wish to take those years elsewhere. Some modifications will probably be found in some institutions.

Mechanical Engineering

Junior—

Mechanics.
Hydraulics.
Direct Current Machines.
Electrical Laboratory.
Mechanical Laboratory.
Machine Design.
Steam Engineering.
Stresses in Structures.
Materials of Engineering.
Machine Construction.

Senior—

Thermodynamics.
Machine Design.
Gas Engines.
Mechanical Laboratory.
Philosophy.
Specifications and Contracts.
Dynamo Laboratory.
Elective.
Thesis.

Electrical Engineering

Junior—

Mechanics.
Steam Engineering.
Hydraulics.
Direct Current Machinery.
Alternating Current Machinery.
Machine Construction.
Electrical Laboratory.
Mechanical Laboratory.
Machine Design.
Electrical Design.

Senior—

Thermodynamics.
Gas Engines.
Electric Railways.
Power Distribution.
Design of A. C. Machinery and Distribution Systems.
Dynamo Laboratory.
Thesis.
Philosophy.

See Apprenticeship and Electrical Construction Courses below.

DESCRIPTION OF COURSES

First semester courses bear odd numbers and second semester courses even.

Freshman and Sophomore

1. Carpentry and Wood-turning—Care and the use of tools; exercises in laying out and in the construction of joints and other problems; wood turning; bench and lathe work. 1 point. 5, 6, 7 T.
2. Pattern Making and Foundry Practice—The construction of patterns, core-boxes, flasks, etc., and their use in the foundry; moulding, coremaking, mixing metals and casting in brass and iron. Prerequisite, M. E. 1. 3 points. 5, 6, 7 M. F., 2, 3, 4 S.
3. Forge Work—Forging and welding in iron and steel; tool dressing, tempering. 2 points. 5, 6, 7, Th. F.

Apprentices Courses

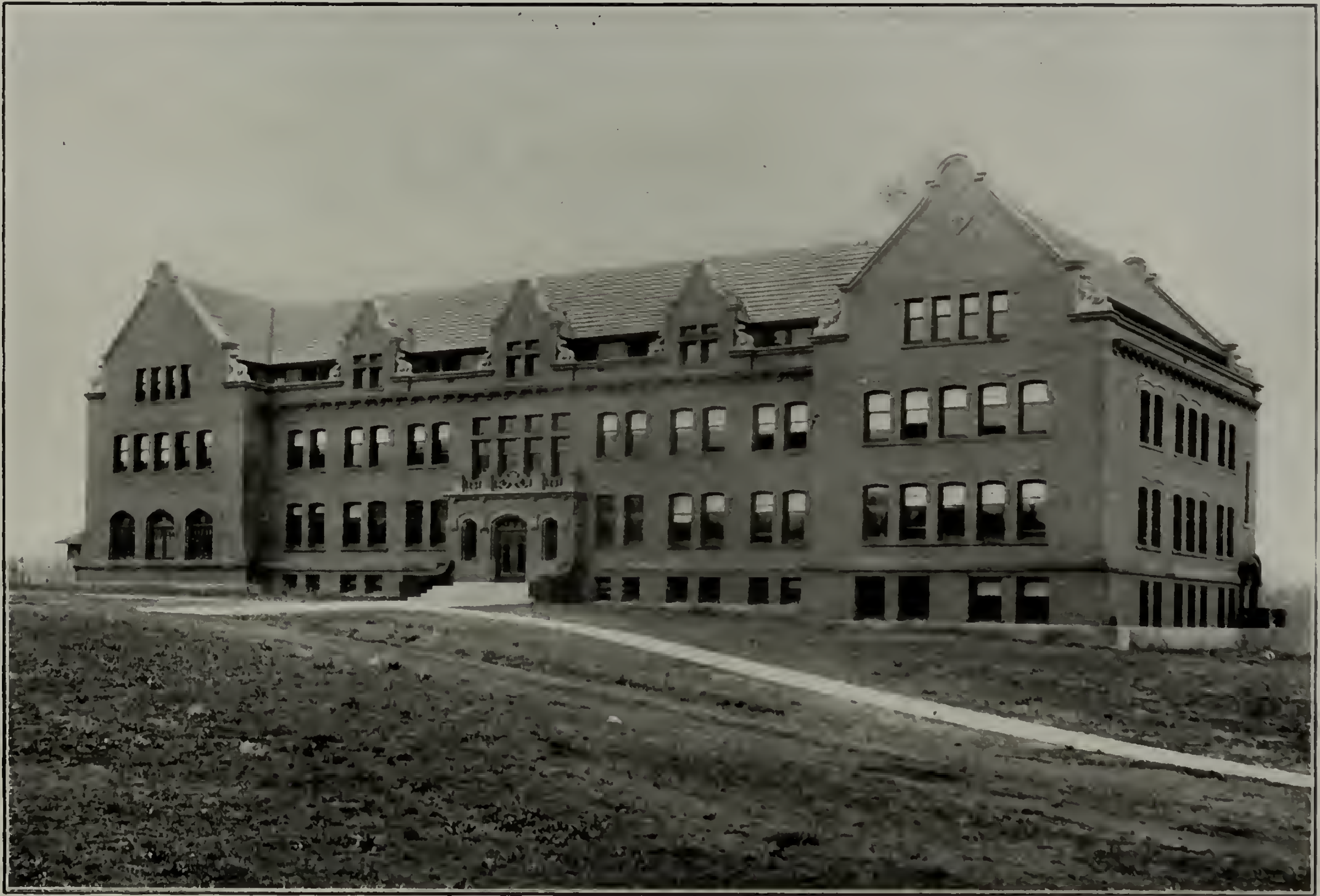
To meet the wants of young men who are unable to take a regular course in engineering, and who have a desire to enter one of the mechanical trades, the department in connection with the Academy work offers admission to courses in the following lines: (a) Carpentry and wood turning; (b) Pattern making and foundry work; (c) Machine shop practice and forge work; (d) Stationary engine and boiler practice; (e) Electrical construction.

All such students are also expected to take a course in mathematics, physics and mechanical drawing. The intention is to train to accurate, efficient work with their brains as well as their hands.

These courses are only for such students as for good reasons do not wish to complete a full course in engineering. Students attaining sufficient skill may be able to earn part or all their tuition during the last semester at least. To those satisfactorily completing two year's work, 64 points, will be given a certificate showing proficiency in the line of work pursued.

Applicants must be at least eighteen years of age, tho others may be admitted by special arrangements with the President. Students in these classes must conform to the regulations governing Academy students.

SOUTHEAST ENTRANCE TO CAMPUS



CONSERVATORY OF MUSIC

MILLIKIN CONSERVATORY OF MUSIC

The Faculty

Albert R. Taylor, Ph.D., LL.D., *President.*

Max van Lewen Swarthout, *Director of the Conservatory and Professor of Piano, Violin and Theoretic Branches.*

Donald M. Swarthout, *Associate Director of the Conservatory and Professor of Piano, Organ, History and Theoretic Branches.*

Nellis P. Parkinson, *Secretary of the Conservatory.*

William B. Olds, *Professor of the Art of Singing.*

William Erhart Snyder, *Professor of Piano Playing and the Art of Teaching Music.*

Miner Walden Gallup, *Associate Professor of Piano Playing.*

Ora B. Rogers, *Instructor in Piano Playing and Associate Professor of Harmony.*

Eloise Bucher, *Associate Professor of the Art of Singing.*

Rose A. Borch, *Associate Professor of the Art of Singing.*

Grace Taylor Wandel, *Instructor in Piano Playing.*

Sylvia Fisk, *Instructor in Piano Playing.*

Robert Walter, *Instructor of Orchestral and Band Wind Instruments.*

Lois Wasson, *Instructor in Singing.* (Absent on leave).

Louise Bear, *Instructor in Public School Music Methods.*

Marian McClelland, *Instructor in Singing and Professor of Ear Training.*

Erma Fitch, *Instructor in Piano Playing.*

Eloise Jacobs, *Instructor in Piano Playing.*

Fredarieka Green, *Instructor in Singing.*

Howard G. Seldomridge, *Professor of Public Speaking.*

John E. Rouse, *Professor of Philosophy and Education.*

Esther Requarth, *Director of Child Culture Department.*

Mollie Grubel, *Instructor for Women, Physical Training.*

The Conservatory

Millikin Conservatory is recognized, by authorities, as having equipment and building equalling anything in the United States for its work. While this fact is acknowledged, the policy of the Conservatory is to emphasize the most vital and important factor—the efficiency of the faculty. The aim of the directors is to have systematic courses of study in accord with the best educational ideas on musical matters which the country can offer. The standards of these courses of study are equal to those offered by other leading schools of music in America. The faculty consists of men and women with thorough training and experience. The leading teachers have enjoyed the double advantage of study in Europe and America and are artists of more than local reputation. Aside from providing high grade recitals by members of the faculty and more advanced students, the Conservatory brings each year to its pupils, and the music lovers of the city, opportunity to hear several of the world's most celebrated artists. Informal student recitals which occur from week to week, afford to practically all music students, no matter of what degree of advancement, experience in appearing before audiences. The more proficient students are heard in occasional programs to which the public is invited.

A splendid spirit of co-operation exists among the faculty and student body and, without question, the Conservatory is continuing an era of most gratifying achievement from both viewpoints of enrollment and high musical standards. Outlines of study in the Conservatory embrace certificate and diploma courses in pianoforte, violin, organ, and voice, a comprehensive course in public school music and a thoro analysis of general teaching methods.

The Conservatory Building

Millikin Conservatory is located in a building devoted entirely to music. For a description see page 15.

Plan of Education

Millikin Conservatory students are classified as collegiate, academic, elementary and kindergarten.

The kindergarten department accepts children from the ages of four to six. Special study in music is carried on along with the general educational work. Attention is given to ear training, sight reading, singing, rhythm and work at the piano as well as to nature studies, hand work, numbers, reading, drawing, painting and other fundamental work.

The elementary department is designated for children from the ages of six to fourteen and includes work in the rudiments of music, technic, and ear training as well as study in piano, voice or violin.

The academic department prepares students for collegiate work and offers instruction in the various branches of musical study.

The collegiate department includes the various certificate and diploma courses, offering special work to such students as prefer elective work only. The teachers' training courses are all classed as collegiate.

High School, Academy and College Work

Conservatory students are urged to continue their studies in their general educational work so as to develop into broad-minded musicians. The Conservatory follows the College plan of arranging the course of study.

Students in the University or Academy may take as much as one-fourth of the required work in music if they are planning to devote their time to that subject, thus keeping up their music along with their literary subjects and graduating in the same length of time as required for the regular literary students.

Beginners Are Welcome

Much time and money may be saved by the student who starts his music study under a scientifically arranged system of instruction. The same thoro and careful training is given to children and beginners as to the more advanced musicians in Millikin Conservatory.

Time for Entrance

The collegiate year is divided into four terms of nine weeks each. In addition to these a summer term of six weeks is offered for such students as may choose to do special music work at this season of the year. Students may enter at any time and pay tuition at the term rate from the date of entrance.

Courses of Study

It is impossible to estimate the time required for a student to complete any course of study. Some pupils require two years to accomplish what others can do in one year; so much depends upon the general educational ability of the student, the musical talent, and the ability to apply himself to conscientious, intelligent study and practise. Each pupil must be considered individually in the outlining of his course of study. Complete outlines of the various courses offered in the Conservatory may be found in the special conservatory catalog, which will be sent on application to the Secretary.

Diplomas and Certificates

Diplomas are conferred upon students in the collegiate department who have been in the Conservatory at least one year and who have completed the required work in any practical subject along with the required collateral work. (See Conservatory Catalog).

Certificates are conferred upon students who complete work outlined in the Conservatory catalog under the various courses of piano, violin, voice or organ—as soloist or teacher. Special courses are offered leading to Harmony certificates and to certificates as Supervisor of Music in Public Schools.

CLASS INSTRUCTION

No one is able to obtain a thoro knowledge of music merely by taking private lessons in singing, piano, pipe-organ, or violin playing. Theoretic, scientific and historic courses of music are essential to the attainment of a broad and comprehensive musical education. This Conservatory offers a number of such courses to its pupils and strongly urges that as many of them as possible be taken. The Directors will advise as to which of these courses will be most suited to the student's need.

Among the courses offered, without charge, are those in Appreciation of Music, Public Performance, Voice Ensemble, Violin Ensemble, Millikin Glee Club, Girls' Glee Club, Orchestra and Chorus.

Literary-Music Courses

Academic and Collegiate

In accordance with the opinions of the most advanced pedagogical authorities, the College offers courses of study in the Academy and College which include the study of music as an integral part of an academic or collegiate education.

In combining music with the college studies many advantages accrue to the student. The value of music as a vital factor in broadening the mental faculties, in strengthening the moral character and in furthering the physical development is recognized as of equal importance with other elective subjects.

The Academic and Collegiate courses consist of four years' work each, in which the study of music constitutes one-fourth of the required work.

The course for academic graduation includes:

Music	32 points
German, French, Latin or Greek	24 points
Mathematics exclusive of Arithmetic	10 points
English	30 points
Domestic Science, Chemistry or Physics	8 points
History	4 points
Fine Arts	8 points
Biology	8 points
Collaterals	4 points
Elective	12 points
	140 points

The course for collegiate graduation includes:

Music	32 points
German, French, Latin or Greek	32 points
English Literature and Composition	16 points
Mathematics, College Latin or additional Laboratory Science	8 points
History and Economics	8 points
Biology	8 points
Philosophy	8 points
Hygiene	2 points
Physical Training	2 points
Literary and Scientific Society	2 points
Elective	12 points
	130 points

The above course leads to the degree of Bachelor of Science in Music.

Music is to be continuously and satisfactorily pursued during the entire course.

A student may take only one four-years' Literary course, either the Academic or the Collegiate, but not both of them. A regular High School or Academy graduate may pursue the Collegiate Literary-Music course, but a graduate from the Academic Literary-Music course cannot enroll for the Collegiate Literary-Music course. Such a student may enroll for a regular College course and take 16 points in College music courses as electives, counting them toward College graduation. This is more fully explained under the next head.

Music as an Elective in Other Departments

In the regular College courses leading to the bachelors' degree, sixteen points in advanced college music may be used as electives; one-fourth of the points offered must be in theoretic subjects.

Eight points in Academy or College music may be used as electives in the preparatory courses in the Academy leading to the various schools in the College; one-fourth of these must be in theoretic subjects.

Music Teachers' Training Department

The Normal Department has as its object the training of teachers of piano, voice, violin and public school music in the theory and practice of musical pedagogy. It prepares the teachers to develop scientifically the mental, physical and emotional powers of the pupil. Special training is offered in the Theory and Practice of Teaching as applied to piano playing, singing, violin playing, pipe-organ playing and 'cello playing. The courses in Psychology of Music present the principles of psychology as applied to music. Teachers' Certificates are granted to all who complete the course.

Public School Music

Supervisors' Course

A thoro and most comprehensive course in public school music methods is offered by Millikin Conservatory. As planned it covers a period of two years of study but may be completed in less time by students of sufficient preparation and ability. A certificate as Supervisor of Music in Public Schools is awarded those who complete the requirements of the entire course. Besides the special classes in Public School Methods, the course includes classes in theoretic, practic and pedagogic branches. The principles for presenting music as a cultural study to children from the first grade thru the high school are outlined in such a way as to develop an interest in music as an art. It embraces a thoro training in sight singing. Lesson plans are made, criticized and subjected to practical tests, and opportunity is afforded for observing music work in the Public Schools of Decatur.

According to a recent act of the Illinois State Legislature, students who complete the course in public school music as a part of the course outlined by the School of Education (see page 39) will be entitled to Teachers' Certificates from the Illinois State Examining Board without examination.

It is not necessary that all students take the course leading to a supervisor's certificate. Public school teachers and others who wish to increase their ability to teach music, yet who are unable to take the entire course, may take any part of the course or enter merely the special class in Public School Music Methods. For detailed information concerning this course address the

Secretary of the Conservatory and special literature will be sent.

STUDENT CONCERTS AND RECITALS

The Conservatory of Music presents during each year a series of concerts and recitals by its students, the Conservatory Orchestra and Choruses and members of the faculty. The hearing of art works and the consequent acquaintance with musical literature is ever an important part of a musical education.

SYMPHONY ORCHESTRAS AND ARTISTS' RECITALS

A fine series of concerts and recitals by celebrated artists and organizations is presented each year by the Conservatory for the enjoyment and education of the students and the music lovers of the city. During the past three years the following have been presented:

The Russian Symphony Orchestra, Modest Altschuler, Conductor, Bernard Altschuler, 'Cellist; The St. Louis Symphony Orchestra, Max Zach, Conductor, Hugo Olk, Violinist; The Minneapolis Symphony Orchestra, Emil Oberhoffer, Conductor, with solo artists Leonora Allen, Soprano; Alma Beck, Contralto, Enrico Palmetto, Tenor, Frances Ingram, Contralto; Cornelius Van Vliet, 'Cellist; Richard Czerwonky, Violinist; Frederick Freemantel, Tenor; Karl Scheuer, Violinist; Marie Sundelius, Soprano; Albert Lindquest, Tenor; Marion Green, Bass, Harold Bauer, pianist, Maud Powell, violinist, The Zoellner String Quartet, The Kneisel String Quartet, Marie Caslova, violinist, Oscar Seagle, baritone, Ossip Gabrilowitsch, pianist. Of the faculty, Max van Lewen Swarthout, violinist, and Donald M. Swarthout, pianist, in joint recital. William Erhart Snyder, in piano recital, Donald M. Swarthout in organ recital and Eloise Bucher, soprano, and Miner Walden Gallup, pianist, in joint recital.

CHURCH MUSIC

Members of the faculty direct the music in many of the large churches in the city. Students have opportunity by singing in the choirs to study the best in church and oratorio music; or if not choir members, to hear these fine works.

HOMES FOR YOUNG WOMEN

The young women of the Conservatory find delightful homes either in private families or at Aston Hall.

Students who prefer private homes will find no difficulty in locating pleasantly and at low cost.

ADVANTAGES OF UNIVERSITY ASSOCIATION

The value of college associations for the student of the Conservatory of Music cannot be overestimated. As one of the schools of the College the Conservatory offers many advantages to music students either free of charge or for a small fee. The Liberal Arts, Fine and Applied Arts, Domestic Economy and other schools of the College offer many courses of study and practical work from which selections can be made for work to be pursued with the courses in music.

The student has many opportunities for pleasant and profitable social intercourse in the various literary, dramatic and fraternal societies. The Choral Clubs, and the Orchestra are open to those qualified to do the work in these organizations.

Chapel privileges are open to all music students.

MUSIC LESSONS FOR CHILDREN

Elementary Department—Piano, Voice or Violin

The elementary department offers thoro instruction in piano, voice or violin at low cost. To obviate the necessity of correcting faults which too often are formed by pupils incorrectly taught, a correct scientific training is of the greatest importance, especially to children. This fact is nearly always overlooked by parents and pupils, and the result is that beginners are too often entrusted to the teaching care of faulty instructors.

Lessons on Saturdays

All the class lessons in this department are given on Saturdays.

All pupils in the elementary department have the privilege of appearing on the public recital programs of the elementary department as soon as they are competent, and of attending the class meetings for training and practice in public performance.

TUITION FEES

Students enrolled in the Conservatory of Music pay no fee except the music fees. The rates of tuition depend upon the instructor chosen and the amount of work taken. Students in the Conservatory who wish to take courses in the College or Academy pay fees in the University in proportion to the number of subjects pursued. When enrollment is made for less than a full term of nine weeks the charge in the conservatory is twenty-five percent additional. All tuition fees are payable in advance at the beginning of each term.

Practic Music Courses

Per Term of 9 Weeks Private Lessons	One Lesson Each Week	Two Lessons Each Week
Piano Playing	$5.00 to $20.00	$10.00 to $40.00
Singing	5.00 to 17.50	10.00 to 35.00
Violin Playing	7.50 to 20.00	15.00 to 40.00
Pipe-Organ Playing	20.00	40.00
'Cello Playing	20.00	40.00
Wind and Orchestral Instruments	4.50	9.00
Vocal Expression—Public Speaking	9.00	18.00
Vocal Diction	10.00 to 17.50	20.00 to 35.00
Piano Technic	7.50 to 20.00	15.00 to 40.00

Class Lessons	One hour recitation each week
Ear Training (First Year)	$3.00 per term of 9 weeks
Ear Training (Second Year)	5.00 per term of 9 weeks
Ear Training (Third Year)	5.00 per term of 9 weeks
Vocal Diction—For Singers and Speakers	5.00 per term of 9 weeks
Piano Technic	5.00 per term of 9 weeks
Piano Ensemble	7.50 per term of 9 weeks
Vocal Ensemble (Solfeggio)	Free of charge
Glee Club	Free of charge
Violin Ensemble	Free of charge
Orchestra (One hour each week)	Free of charge
Public Performance	Free of charge
Physical Training—(Two hours each week)	Free of charge

Theoretic, Scientific and Historic Music Courses

Private Lessons—These subjects are all taught in classes but private lessons are given to students who find it inconvenient to attend a desired class because its time of meeting conflicts with other engagements, or for any other reason. The charges for such private lessons are the same as for practic music courses taken in private lessons and vary from $4.50 to $20.00 per term of nine weeks for one lesson each week, according to the teacher selected.

Class Lessons	One Hour Lessons Each Week
Appreciation of Music	Free of charge
Essentials of Music Theory	$3.00 per term of 9 weeks
Elementary Harmony	3.00 per term of 9 weeks
History of Music (First Year)	3.00 per term of 9 weeks
History of Music (Second Year)	5.00 per term of 9 weeks
Harmony (Second Year)	5.00 per term of 9 weeks
Harmony (Third Year)	5.00 per term of 9 weeks
Musical Form and Analysis	5.00 per term of 9 weeks
Counterpoint	7.50 per term of 9 weeks
Canon and Fugue	7.50 per term of 9 weeks
Composition	7.50 per term of 9 weeks
Orchestration	7.50 per term of 9 weeks

Music Teachers' Training Courses

Private Lessons—

Students who desire private lessons in any course under this head may obtain them at the regular rates for private lessons with the teachers having these subjects in charge.

Class Lessons—

Musical Pedagogy	$5.00 per term of 9 weeks
Theory and Practice of Teaching Public School Music	$5.00 per term of 9 weeks
Theory and Practice of Teaching Piano Playing	$5.00 per term of 9 weeks
Theory and Practice of Teaching Singing	$10.00 per term of 9 weeks
Theory and Practice of Teaching Violin Playing	$10.00 per term of 9 weeks
Psychology of Music	$2.50 per term of 9 weeks
Child Study and Mental Hygiene	$2.50 per term of 9 weeks
The Art of Teaching (3 recitations each week)	$7.50 per term of 9 weeks

For Children

One class lesson each week in rudiments of music and elementary harmony	Free of Charge
One class lesson each week in ear training	Free of Charge
One class lesson each week in piano technic	Free of Charge
One class lesson each week in gymnasium	Free of Charge

General Information

Practice rooms containing high grade pianos are available in the Conservatory building for use by students. Regular practice hours are assigned by the secretary.

Students are strongly urged not to appear in public performances without consulting the teacher about the composition to be performed. Many unfortunate results have come to students who have consented to play compositions which were not ready for performance. This request is made because the faculty members consider the best interest of the student.

Students wishing to change their registration should first consult the secretary. Much unnecessary inconvenience for office and student will thus be avoided.

Those contemplating study are invited to consult with the directors or secretary concerning studies and plans for work.

Pupils may enter at any time, and will be advanced according to ability.

Students residing out of town may arrange to receive all weekly lessons during one or two attendances.

Earnestness and regularity of attendance are counted in the awarding of certificates and diplomas.

The standing of each student in every subject studied is filed in the office by the teachers at the end of each term and is kept on record.

For the convenience of the pupils of the Conservatory a music store is conducted in the Conservatory building.

Each student is expected to attend all school recitals unless excused by the director.

All students of the Conservatory of Music are expected to appear in public whenever asked by directors or teachers.

All students are urged to take a musical magazine so as to keep in touch with the general advancement of musical art and to broaden their knowledge of music as an art and science. It is essential that those students wishing to teach have such helps.

A copy of the Conservatory catalog or any further information pertaining to the Conservatory will be mailed upon application to the secretary,

NELLIS P. PARKINSON,
Millikin Conservatory of Music,
Decatur, Illinois.

THE ACADEMY

Albert R. Taylor, Ph.D., LL.D., *President.*
Fred D. Townsley, A.B., *Principal.*

The Academy is a thoro modern secondary school in connection with the College. The courses are planned to serve a wide range of student needs and interests. Students are encouraged early in the course to have some purpose of their own about which their work may be organized, and in the light of which a wise choice may be made among the electives.

The following is a brief outline of the courses:

(1) College Preparatory:

(a) Admitting to the school of liberal arts in colleges and universities of the United States.

(b) Admitting to the special and technical schools and departments of colleges and universities:

(2) Practical and General:

(a) For students who will make the Academy their last school, and wish to fit themselves for certain trades and for business life;

(b) For students who are interested primarily in special subjects.

The Academy affords an especially good opportunity for a class of mature students who, for one cause or another, have not completed their secondary education at the usual age. These students, ordinarily, do more work and do it better than the average student of a secondary school, and the Academy in connection with the college is better adapted to this class of students than is any other type of educational institution.

Entrance Requirements

Graduation from the eighth grade, or its full equivalent, is required for admission to the Academy. Advanced standing, on work of high school grade, is given according to the merits of each case. Maturity and ability to do the work with profit is of first importance; and hence evidence other than school grades is given some weight in the classification of students.

Fees

Tuition in the Academy is $30.00 per semester. For laboratory and other fees see page 16.

Requirements for Graduation

Graduation from the Academy requires the completion of four years' work of two semesters each, averaging seventeen and one-half hours per week, and making a total of at least one hundred forty semester hours. A semester hour, (or point), is one class hour of prepared work per week for one semester, or twice the amount of laboratory or unprepared work.

I. Preparatory to School of Liberal Arts

Required:

Latin	20 points
Additional Foreign Language Requirements, either (1), or (2) as follows:	
(1) Latin or Greek	20 points
(2) German or French	16 points
Mathematics (exclusive of Arithmetic)	20 points
English	30 points
Physics or Biology	10 or 8 points
History	8 points
Physical Training	2 points
Literary Societies or Clubs	2 points
Elective	28 to 34 points
Total	140 points

First Year—		Hours	Points
English, A. B.			5.5
Latin, A. B.			5.5
Elective			7.7
Second Year—			
English, C. D.			5.5
Latin, C. D			5.5
Algebra, C. D.			5.5
Elective			3.3
Third Year—			
Latin, E. F., or			5.5
German, 1, 2 or French 1, 2			6.6
Geometry, E. F.			5.5
Physics, A. B. or	(7)	(7)	5.5
Biology C. D	(6)	(6)	4.4
Elective			3.3
Fourth Year—			
Latin, G. H., or			5.5
German, 3, 4 or French 3, 4			4.4
U. S. History E., Civics F			4.4
English, G. H			5.5
Elective			4.4
Other Electives—			
English, E. F			5.5
Modern History, C. D			4.4
Public Speaking, 1, 2			1.1
Vocal Expression, B		(2)	0.2
Algebra, G			5.
Adv. Arith			0.5

Fine Arts, Applied Arts, Domestic Economy, Bible Study, Chemistry, etc.

II. Preparatory to Scientific, Engineering and Other Technical Courses

The following course prepares for the collegiate Scientific, Engineering and other technical courses.

First Year—	Hours	Points
English, A. B		5.5
Algebra, C. D		5.5
Elective		8.8

Second Year—			
English, C. D.			5.5
Geometry, E. F.			5.5
Elective			6.6
Third Year—			
Latin, A. B. or			5.5
German, 1, 2, or French 1, 2			6.6
Physics, A. B. or	(7)	(7)	5.5
Biology, C. D.	(6)	(6)	4.4
Algebra, G.			5.0
Elective			1.6
Fourth Year—			
Latin, C. D. or			5.5
German, 3, 4 or French 3, 4			4.4
English, G. H.			5.5
U. S. History E, Civics F.			4.4
Elective			3.3
Other Electives—			
Public Speaking, 1, 2			1.1
Vocal Expression, B.	(0)	(2)	0.2

Students anticipating Engineering, Bookkeeping, Stenography and Typewriting, and other technical courses may choose electives from those subjects.

III. Preparatory Course in Commerce and Finance, and Elective Business Courses

First Year—	Hours		Points
English, A. B.			5.5
Algebra, C. D.			5.5
Penmanship, A	(5)		3.0
Correspondence, B	(5)		0.3
Elective			4.4
Second Year—			
English, C. D.			5.5
Geometry, E. F.			5.5
Bookkeeping, A. B.			5.5
Elective			2.2
Third Year—			
Accounting, Office Practice, C. D.			4.4
Materials of Commerce, A. B.			3.3
Elective from the following			10.10
Stenography, A. B.	(5)	(5)	3.3
Typewriting, A. B.	(5)	(5)	3.3
Physics, A. B.	(7)	(7)	5.5
German, 1, 2, or			6.6
French, 1, 2, or			6.6
Spanish, 1, 2			6.6
Fourth Year—			
English, G. H.			5.5
History, E., Civics F.			4.4
Elective from the following			8.8
Economics and Banking, E. F.			3.3
History of Commerce, C. D.			2.2
Introduction to Commerce, E. F.			3.3
Biology, C. D.	(6)	(6)	4.4
German, 3, 4, or			4.4
French, 3, 4, or			4.4
Spanish, 3, 4			4.4
History, C. D.			4.4

These courses have in view two classes of students, those who desire the best preparation for college work in commerce and finance, and those who desire the high school training in commercial subjects preparatory to entering business employment immediately. The former do well to lay a broad foundation for future studies and defer certain subjects more completely treated in college, the latter should gain such knowledge of economic principles and the foundations of industrial welfare as is possible in the time at command. The choice of electives indicated provides for this differentiation, and also for the needs of those who must still further limit their time of preparation for business and devote their efforts to a few practical subjects, such as penmanship, correspondence, shorthand, typewriting and bookkeeping.

Many students have found these courses suited to their need and, with the assistance which the faculty is always glad to give, have secured excellent positions. Capable and worthy young men and women are always in demand.

DESCRIPTION OF COURSES

Fine and Applied Arts

The purpose of the preparatory courses is to give a thoro technical preparation for the advanced work of the College, and may be counted as an elective in all Academy courses, two hours' work being counted as one point.

Fine Arts

A. Elementary Freehand Drawing—Elementary training in pencil drawing from groups of still life and geometric solids, simple perspective, and elementary color. First semester. (4). 2 points.

B. Light and Shade—This course offers full values in pencil, pen and ink, charcoal and monochrome from still life and casts; details of annual forms, pose sketching; introduction of water color sketching and sketching from nature. Prerequisite, Fine Arts A, or its equivalent. Second semester. (4). 2 points.

C, D. Clay Modeling, Casting and Designing—This course is designed to give a definite conception of form, useful in painting and designing. Modeling from the cast and photograph, plants, historic ornament and casting from chip and piece moulds. Prerequisite, Fine Arts B or its equivalent. Two semesters. (4). 2 points.

Applied Arts

A, B. Projections and Working Drawings—A Course embracing the principles of projections and working drawing, introducing mechanical drawing. (4). 2 points.

C, D. Mechanical Drawing—A course in mechanical drawing, introducing principles of machine construction, intersections of solids, details and tracings. Prerequisite, A.A., A, B. (4). 2 points.

Biblical History and Literature

The courses are all elective. They are necessarily more elementary than the College courses and are intended to be introductory to the latter. They are conducted along similar lines and aim to give the student a fairly thoro and systematic knowledged of the whole Bible.

A. Introduction to the English Bible—What the Bible is; how we got our Bible; story of the Canon and Aprocrypha; history of the English Bible; its literary character and importance; geography and peoples of Bible lands. Lectures and text-book: Smyth, "How We Got Our Bible." 1 point.

B. Bible Manners and Customs—A study of the social, political and religious life of the Hebrews in the light of the manners and customs of modern Palestine. Text-book: Rice, "Orientalisms in Bible Lands." 1 point.

C, D. The Contents of the New Testament—A Chronological and analytical survey of the books of the New Testament—their contents and writers. Text-book: McClymont, "The New Testament and Its Writers." 1 point.

E. F. Hebrew History to the Exile—The forerunners of the Semites; the origin of the Semites and their settlements; the social, political and religious history of the Hebrews through the stages of nomadic origin, settlement in Canaan, monarchy and dissolution of the state. Text-book: Kent, "History of the Hebrew People." Fourth year. 2 points.

Commerce and Finance, and Elective Business Courses

Stenography—(Gregg's Revised)—Completion of Manual, business correspondence, law correspondence, lecture reporting, court reporting.

Penmanship—Plain business writing and its application.

Typewriting—The course in typewriting consists of ten hours of work per week, five hours in class under direction of the instructor and five in practice work. The touch system of typewriting is taught. The work includes instruction in the mechanism of the typewriter, cleaning, oiling, and repairing of same, a thoro mastery of the keyboard and correct fingering, word drills, sentence writing, lessons in punctuation, spelling, business forms, legal forms, addressing envelopes, folding letters, tabulating, manifolding, etc.

Domestic Science and Domestic Art

These courses are designed to meet the needs of those who may be unable to take the regular College work in domestic economy. They are arranged to give a practical working knowledge of the fundamentals in the hand work of cooking and sewing. Those who are taking the regular literary course in the Academy will find these electives attractive and instructive.

Domestic Science

E, F. Food and Its Preparation—Classes and suitable methods of cooking. Planning and serving of simple meals. 3 points.

Domestic Art

G, H. Elementary Sewing—A study of the simpler stitches and their application, cutting and making of underwear, waists, dresses, etc. Two double periods per week. 2 points a semester.

English

A, B. First Year—The aim of the course is to give a solid foundation for subsequent work. Although the student will be introduced to the English classics, emphasis will be placed upon self-expression, both written and spoken. To this end drill will be given in reading and interpretation, and in memory work, grammar, spelling, punctuation, and general manuscript form. Any student who shows marked ability and the requisite knowledge, may be allowed, on the recommendation of the Principal and the instructors concerned, exemption from such portion of the work as seems advisable. Any second, third, or fourth year student who, in the judgment of his teachers, is deficient at any time in any of the fundamental habits of good usage in spoken and written English, must repeat in this course the work in which he needs further drill. 5 points.

C, D. Second Year—The aim of the course is to give an appreciation of the masterpieces of literature thru the study of selected English classics, and to develop his powers of writing and speaking thru oral and written themes. The following books will be used:

Shakespeare: "As You Like It."
Tennyson: "Gareth and Lynette;"
"Lancelot and Elaine;"
"The Passing of Arthur."
Dickens: "David Copperfield."
Addison: "Sir Roger de Coverley."
Selected—Short stories and tales.
Stevenson: "Travels with a Donkey."
Scott: "Ivanhoe."
Shakespeare: "Julius Caesar."
Hitchcock: Enlarged Practice Book.
Webster: Secondary School Dictionary.
5 points

E, F. Third Year—The aim of the course is to create interest in American Literature thru the study of selected masterpieces from Franklin to Whitman. The study of Rhetoric will be introduced in advanced theme writing. The following books will be used:

Franklin: "Autobiography."
Parkman: "Oregon Trail."
Poe: "Short Stories."
Longfellow: Selected Poems.
Lowell: Selected Poems.
Whittier: Selected Poems.
Cooper: One Novel.
Lincoln: Selected Speeches.
Washington: "Farewell Address."
Webster: "First Bunker Hill Oration."
Thoreau: "Walden."
Irving: "The Sketch Book."
Hawthorne: "The House of the Seven Gables."
Hitchcock: Rhetoric.
5 points

G, H. Fourth Year—The aim of the course is to create interest in the progress of English poetry and prose thru selected writings from Chaucer to Browning. Rhetoric and grammar will be studied in connection with advanced themes. The following books will be used:

Chaucer: "Prologue."
Spenser: "Fairie Queen." Bk 1.
Shakespeare: "Macbeth."
Milton: Minor Poems.
Carlyle: "Essay on Burns."
Wordsworth: Selected Poems.
Keats: Selected Poems.
Shelley: Selected Poems.
Browning: Selected Poems.

Malory: "Morte d' Arthur."
Bunyan: "Pilgrim's Progress."
De Foe: "Robinson Crusoe."
Austen: One Novel.
Scott: One Novel.
Thackeray: "Henry Esmond."
Dickens: One Novel.
Hitchcock: Rhetoric and the study of Literature.
5 points

History and Government

The courses A, B and C, D are given alternate years.

A, B. Ancient and Medieval History—A year's study of ancient oriental peoples, Greeks, Romans, and the races that formed the modern nations of Europe. Emphasis is put upon the contributions of the past to the present time. Map drawing is a special feature. 4 points.

C, D. Modern European History—A continuation of Course "A, B." The study begins with the Protestant Reformation, includes the political revolutions of the 19th century, and ends with a statement of Europe's problems today. Map drawing is a feature. 4 points.

E. History of the United States—A careful review of the essentials, for students who are planning to apply for certificates to teach, and for those who can not plan to get American History in college. Map drawing is a special feature. 4 points.

F. Civics—An elementary study of our State and National government. To impart a knowledge of our local institutions, a study is made of the spirit of our State government, its form, and its services. A visit to the Court House of Macon County and to the County Jail is one of the means employed to this end. 4 points.

Latin

A thorough training in the common forms of the Latin grammar is given. Exercises in grammar and composition supplement the reading of these early years. The classics have high value for purposes of general culture. 5 points each semester.

A, B.—Latin Lessons and select reading.

C, D—Caesar; Gallic War, books I-IV. Composition.

E, F—Cicero, six orations. Composition daily. Selections from Ovid.

G, H.—Virgil's Aeneid, books I-VI. Sight reading from Avlus Gellius.

Modern Languages

Academy students are admitted to College classes in Modern Languages and may take the same as regular Academy classes under the following conditions: Course 1-2 under any language covers the ground for two years' high school work, and may therefore be taken to fulfill the Academy graduation or College entrance requirements in Modern Languages, but with a total credit of 12 points instead of 16, thus adding 4 to the number of elective points to be taken by the student. Students desiring the full number of points in Modern Languages may continue course 3-4 with a total credit of 20 points, of which 4 points will apply on electives.

For aims, plan of teaching and announcement of courses, see under College Announcement, page 28.

Mathematics

The value of mathematics, both as a means of training in exact reasoning and as furnishing a foundation for other sciences, pure and applied, has long been recognized by educators. The Academy course embraces the elements of algebra and geometry, two main, distinct lines of mathematical investigation. Both of these lines of mathematical thought have an immediate and important bearing on the special industrial, technical, and engineering courses, in addition to their introductory relation to the higher mathematics. 5 points each semester.

C, D. Algebra—A first course, including quadratic equations. One year. Required of all students.

E, F. Geometry—A course covering the usual theorems in plane and solid geometry. One year. Required of all students.

G. Algebra—This is a course in quadratics, ratio, proportion, advanced equations, logarithms, etc., and a review course in the reduction of complicated radicals, fractions, factoring, etc.

H. Arithmetic—This is a course for those who are taking up the subject with the desire to review and extend the knowledge previously acquired. The elementary processes of arithmetic are thoroly reviewed, followed by a study of ratio and proportion, series, logarithms, graphic arithmetic and some of the problems of commercial arithmetic. Course not given if fewer than five apply for it.

Manual Training

This course is open as an elective to all students in the Academy. Both the technical and educational elements are emphasized so that the course is equally valuable as a preparation for the study of engineering or as a part of a general education.

First Year, A. B. Manual Training—Joinery, 2 points. Manual Training, B. Wood-turning, 2 points.

Second Year C. D. Manual Training—Pattern-making and Moulding or advanced Bench Work, 4 points a year.

Third Year E. F. Manual Training—Forging, 4 points a year.

Fourth Year G. H. Manual Training—Machine-shop work, 4 points a year.

Mechanical Drawing—See Applied Arts

Physical Training

First Year—Exercises that will induce vitality, strength and the harmonious growth of the muscles; individual exercises to correct faulty positions of the body. Chiefly free work. Elementary work with apparatus. ½ point each semester.

Second Year—Theory and practice of Free Gymnastics. Advanced work with apparatus.

Two years' work is required of all students.

Sciences

Biology, Physiography, Physiology

The course in general biology is introductory to the more special courses in zoology and botany given by the College. It is primarily a college course, but is eligible by fourth year academy students. It will include lectures, text-books, laboratory and field work. None of the laboratory sciences furnishes a better training in observation, experimentation, and recording of results than biology. The study of living things and their relations to each other and to their physical surroundings brings the student to consider some of the most interesting problems which nature presents to us. The practical value of biology is especially apparent in domestic science, in horticulture and agriculture, in medicine, and the like. The extent to which nature study is being introduced into the elementary schools gives an additional value to this course for prospective teachers.

A. The Elements of Physiology—Second year of Academy, first semester. 4 points.

B. The Elements of Human Anatomy and Physiology—Second semester. 4 points.

C. General Biology—4 points.

D. General Biology—4 points.

Courses C and D are not eligible separately.

Chemistry

Courses 1 and 2 (or 3 and 4), Freshman (College) Chemistry, are open to regular fourth year Academy students who have had High-school or Academy Physics with laboratory work for one year.

Physics

The course in academy physics is primarily to impart as definite knowledge as possible of the more common laws governing the physical world and, incidentally, to cultivate habits of observation and accurate thought. Physics is usually the first in point of time and is always the most important experimental science taught in our schools. While it is not required for entrance to college in all courses, a broad culture is impossible without it.

A. B—This course deals with the general laws of mechanics, sound, light, heat, magnetism, and electricity with the object of teaching that the various phenomena follow definite laws, and of showing how closely and extensively physics is connected with our every-day life. Three recitations and four laboratory hours per week. 5 points.

REGISTRY OF STUDENTS

NOTE—Many students listed as from Decatur belong to families recently coming to the city for the purpose of availing themselves of the advantages of the University. Some also thus listed are nearer other towns, but receive their mail via Decatur rural routes. No effort is made to differentiate the candidates for degrees in the different Schools below the Senior class.

GRADUATE STUDENTS

Candidates for Degrees

Master of Arts

Dale, Sarah, A.B., The James Millikin University, 1914; Modern Languages, Decatur, Ill.

Dickey, Everett Lawrence, A.B., The James Millikin University, 1910; History, Decatur, Ill.

Mayhew, Roy Louis, B.S., Iowa Wesleyan College, 1914; Biology, Washington, Iowa.

Miller, Margaret Josephine, A.B., The James Millikin University, 1912; Education, Decatur, Ill.

—4

Not Candidates for Degrees

Baker, Emma Lavena, B.S., with Pedagogy, The James Millikin University, 1905; Applied Arts, Decatur, Ill.

Blackburn, Bonnie C., A.B., The James Millikin University, 1908; Applied Arts, Bloomington, Ill.

Bragg, Lucile Margaret, A.M., The James Millikin University, 1910; Greek, Decatur, Ill.

Melin, Ethel L., A.B., University of Michigan, 1908; Applied Arts, Taylorville, Ill.

Meyer, Maude Carter, B.S., in Fine and Applied Arts, 1909; Applied Arts, Decatur, Ill.

Mitchell, Dess L., A.B., Illinois Woman's College, 1910; Education, Marion, Ill.

Owings, Julia, B.S. in Fine and Applied Arts, 1912; Applied Arts and History, Owaneco, Ill.

Schaub, Winnifred W., Pratt Institute 1896, Fine and Applied Arts, Decatur, Ill.

Threlkeld, Gayle, B.S. in Domestic Economy, 1914; Education, Decatur, Ill.

Weems, Mary Bryant, Ph.B., University of Denver, 1915; History, Denver, Colo.

—10

UNDERGRADUATES

Senior

Bachelor of Arts

Bailey, Leo Leslie,	Boody
Bowyer, Virginia Morris,	Springfield
Bradford, Louise Marcia,	Champaign
Casey, William Cornell,	Decatur
Douglass, Curtis Rankin,	Reno
Fruit, Bessie,	Decatur
Fullenwider, Elizabeth Leah,	Mechanicsburg
Graybill, Leo Carlyle,	Decatur
Hays, Marie Alexander,	Decatur
Hudson, Rowena Bell,	Decatur
Irwin, Doris Elaine,	Normal
Montgomery, John Alexander,	Greenview
Morrow, Hortense,	Newman
Orr, Frances Marie,	Enfield
Ross, Ada Esther,	Peoria
Russell, Carl Reed,	Decatur
Williams, Gladys,	Ritchie

Bachelor of Arts in Education

Briscoe, Nora Elizabeth,	Westfield
Gillespie, Carolyn Columbia,	Decatur
Shurtz, Edwin Judson,	Decatur

Bachelor of Arts in Fine and Applied Arts

Haggett, Lelia Lois,	Nauvoo

Bachelor of Arts with Library Science

Stevenson, Helen Susan,	Decatur

Bachelor of Science in Commerce and Finance

Crosier, Arthur Boone,	Beloit, Wis.
Ellison, Wilbur Wallace,	Mt. Vernon
High, Kenneth William,	Mattoon
Walraven, George Dodge,	Centralia

Bachelor of Science in Domestic Economy

Brawner, Harriet Elsie,	Livingston, Mont.
Corzine, Lena Rebecca,	Stonington
Kassebaum, Mary Esther,	Aurora, Ind.
Martin, Ella Hazel,	Decatur
North, Florence Bernice,	El Paso
Norton, May,	Fairview
Pinnell, Grace,	Westfield
Rooke, Marguerite,	Cedar Rapids, Iowa
Sharp, Opal Florence,	Springfield
Taylor, Nellie Marie,	Chillicothe, Ohio
Tenison, Eda Marie,	Hillsboro
Webber, Helen Alice,	Decatur
Wilcox, Ethel E.,	Rosemond

Bachelor of Science in Manual Training

Morrow, H. Lawrence,	Hume

—40

Junior

Acker, Arthur Louis,	Springfield
Aird, Paul Davis,	Decatur
Ayres, Eloise,	Springfield
Barnett, Ethel,	Frankfort, Ohio
Bean, Carolyn,	Decatur
Brown, Lisle Reeve,	Decatur
Busbey, Ruth Lucile,	Decatur
Catlin, Joseph Henry,	Springfield
Cox, Clarence Cyrus,	Marion
Dawson, Isabel,	Decatur
Dick, Mabel Rosa,	Arthur
Drennan, Margaret Olive,	Taylorville
Fisher, Helen Margaret,	Decatur
Ford, Roscoe Aaron,	Illiopolis
Frede, Gail Louise,	Stewardson
Galloway, Elizabeth Joan,	Beloit, Wis.
Gillespie, Mary Ann,	Decatur
Gregory, Emma,	Decatur
Honeywell, Margaret,	Hoopeston
Hortin, Clara R.,	Albion
Houghton, Ralph Harnsberger,	Petersburg
Hudson, Noel Paul,	Decatur
Irwin, Robert Bliss,	Decatur
Jacobsen, George Ernest,	Niantic
Jones, Arminda Artemesia,	Greenview
Kenney, Helen Lee,	Decatur
Kerney, Charlotte Wright,	Decatur
Kiick, Esther Velma,	Decatur
Koch, Cecil F.,	Rock Island
Lamb, Robert Madison,	Sturgis, Ky.
Lee, Charles E.,	Decatur
McDonald, Hugh M.,	Decatur
Martin, Gertrude Eileen,	Decatur
Mills, Elinor Rachel,	Decatur
Moore, Howard Herbert,	Raymond
Munch, Mabel E.,	Decatur
Niedermeyer, Ada Caroline,	Decatur
Page, Henrietta,	Decatur

Price, Mary Belle,	Decatur
Redmon, Martha,	Decatur
Reeter, Roy R.,	Lake City
Shaw, Harry Dalton,	Decatur
Shaw, Lauren Lawner,	Decatur
Swanson, Paul C.,	Hoopeston
Tharp, Claude Roy,	Jacksonville
Tucker, Martha,	Decatur
Tucker, Samuel A.,	Decatur

—47

Sophomore

Benson, Nelles,	Decatur
Boyd, Grace,	Decatur
Burke, Gordon H.,	Decatur
Cloyd, Margaret Mary,	Bement
Dearth, Norma Marguerite,	Decatur
Dobson, Neva Isabelle,	Cerro Gordo
Eddy, Samuel,	Decatur
Franken, Gretchen,	Chandlerville
Gaskins, Edna Marguerite,	Decatur
Gastineau, Everett F.,	New Berlin
Gordon, Lorena Verle,	Divernon
Graybill, Henrietta Sarah,	Decatur
Guller, Gertrude Louise,	Decatur
Hardendorf, James Riley,	Decatur
Harris, Donald Alton,	Windsor, Vt.
Hays, Mabel Irene,	Decatur
Henshie, Lura Maye,	Decatur
Herren, Alice Julia,	Fillmore
Horton, Bessie Fay,	Garrett
Johnson, Hyla Vivian,	Minier
Johnson, Marian French,	Sharon, N. D.
Kauffman, Fern,	Stanford
KreaSan, Shirley Genevieve,	Monticello
Kuny, Orville Frederick,	Decatur
Lawson, Burtis Carl,	Springfield
Long, Fred Thomas,	Decatur
Lucas, Harold S.,	Decatur
McDonald, James Russell,	Decatur
MacWherter, Lucie Bedford,	Decatur
Major, Ralph H.,	Decatur
Miller, Floyd R.,	Decatur
Miller, Helen Gladys,	Decatur
Monroe, William Rowland,	Wheaton
Norris, Minturn Guy,	Charleston
Parks, Helen Louise,	Mt. Sterling
Pelton, Beulah Jean,	Decatur
Penhallegon, Everett Brown,	Decatur
Querrey, Corwin Denison,	Decatur
Richardson, Vernon Hill,	Edinburg
Rugh, Margaret Elizabeth,	Decatur
Rybolt, Edna,	Kenney
Seward, Ora W.,	Watseka
Shafer, Marguerite,	Decatur
Skinner, Gersham James,	Decatur
Smith, Frieda Mae,	Decatur
Sollars, Pauline Elizabeth,	Decatur
Stamets, Esther,	Springfield
Sundell, Ruby Helen,	Kankakee
Sutherd, Calvin Eugene,	Virginia
Teague, Roland J.,	Bloomingdale, Ind.
Thompson, Nelle Eileen,	Sullivan, Ind.
Vertrees, Jesse Raymond,	Greenfield
Waddell, Helen Margaret,	Decatur
Weber, Lydia E.,	Edwardsville
Wilhoit, Sabra,	Kansas
Wilson, Tyrol,	Decatur
Wise, Forest George,	Macon
Witzemann, Luella A.,	Decatur
Woodard, Roma Lillian,	Sidney
Yockey, Floyd Leland,	Decatur
Young, Nora Blanche,	Toledo
Zimmerman, Pearl Lucile,	Oakland
Zimmerman, Ruby Camille,	Oakland

—63

Freshman

Adams, Maude Louise,	Atlanta
Andrews, James Corbet,	Decatur
Aungst, Darius W.,	Decatur
Barricklow, Mary Helen,	Decatur
Bass, Ray Spurgeon,	Decatur
Batty, Beulah T.,	Decatur
Baxmeyer, Edna L.,	Assumption
Bell, Marie,	Decatur
Birks, Jenna Ruth,	Latham
Bradway, Karl,	Virden
Bryant, John Donald,	Pawpaw
Buchanan, Mary Lorena,	Neoga
Callans, Louise,	San Antonio, Tex.
Canaday, Jean,	Decatur
Cannon, Ralph Hardin,	Decatur
Chipps, Mabel B.,	Sullivan
Clair, Grace L.,	Decatur
Clark, Edna Margaret,	Towanda
Clark, Elsie Ferneta,	Chatham
Clayton, Lucy Irene,	Auburn
Coffman, Ruth Eugene,	Pana
Cofoid, Bertha Mildred,	Tonica
Colyer, Mary Tyree,	Garrett
Conley, Harry Leo,	Woodstock
Craig, Ernest A.,	Decatur
Curry, Henry B.,	Beason
Davis, Lois Aleen,	Cynthiana, Ind.
Dick, Edith M.,	Arthur
Dobson, Sara,	Milmine
Drennan, Drothy Elizabeth,	Glenarm
Eddy, Nora Velma,	Decatur
Edwards, John Brownlow,	Pawpaw
Eisele, William Stark,	Decatur
Fair, Helen Faye,	Ft. Wayne, Ind.
Faith, Julia J.,	Warrensburg
File, Clinton M.,	Irving
Fox, Mary Helena,	Decatur
Fuller, Bessie E.,	Farmer City
Fulton, Archibald Ferguson,	Riccarton, Scotland
Gard, Helen M.,	Springfield
Gilbert, Harriet,	Atlanta
Gilroy, Austin K.,	Canton
Gleiser, Ruth Gladys,	Watseka
Goltra, Ralph Otis,	Decatur
Grant, Mary Myrtle,	Springfield
Grosjean, Velma Ruth,	Fort Wayne, Ind.
Gushard, Geraldine,	Decatur
Hamman, Irene,	Decatur
Hanes, Ida Maude,	Springfield
Harder, Alfreda,	Garrett
Hastings, Harry,	Grinnell, Iowa
Herron, Miriam,	Shelbyville
Hill, Helen Wilder,	Decatur
Hofsommer, Armin Conrad,	Breeze
House, Roy,	Decatur
Huston, Cecile B.,	Decatur
Irwin, Edith Etha,	Decatur
Janvrin, Ralph E.,	Warrensburg
Jeffrey, Norma June,	Batavia
Johnson, Leo Thomas,	Carlyle
Johnson, Leslie C.,	Rock Island
Johnston, William Arthur,	Petersburg
Kenney, Frances,	Decatur
Kile, Milton Ellsworth,	Ivesdale
Kile, Sibyl Yvette,	Decatur
Kinahan, Purdie,	Illiopolis
Kirby, Harold A.,	Clinton
Knight, Elizabeth Esther,	Muscatine, Iowa
Knowles, Arthur Ensel,	Owensville, Ind.
Kyde, Kathryn May,	Newman
Leek, John Halvor,	Batavia
Likins, Ruth,	Decatur
Lohrman, Vera G.,	Decatur

Harry Long,	Decatur
Longenbaugh, Guy O.,	Decatur
McArthur, Jean,	Morris
McCallum, Daniel Bartlett,	Decatur
McCown, Forest Ray,	Newman
McDavid, Marie,	Hillsboro
McGorray, Catherine H.,	Decatur
MacWherter, William Kile,	Decatur
Manning, James Kenneth,	Morrisonville
Marshall, Marian Frances,	Decatur
Mattes, E. Violet,	Decatur
Matteson, Anna B.,	Morris
Medford, Charles E.,	Decatur
Micenheimer, Russell,	Taylorville
Miller, Maude Annas,	Waverly
Miller, Wilfred S.,	Decatur
Montgomery, Don Irwin,	Decatur
Moore, Joseph Leslie,	Atwood
Moore, Paul,	Raymond
Morris, Winifred,	Decatur
Neeld, Mildred,	Decatur
Noel, Paul Alpheus,	Lake City
Nye, William R.,	Decatur
Orr, Rufus Malcolm,	Decatur
Parkhill, Homer L.,	Hillsboro
Patterson, Bernard,	Decatur
Pinnell, Allie,	Westfield
Pound, Kenneth Kester,	Decatur
Pound, Maurine Ella,	Decatur
Priestley, Jack Thorpe,	Monticello
Rafsnider, Lowell Bruce,	Decatur
Redmon, Mary Elizabeth,	Decatur
Rentchler, Marion David,	Mt. Vernon
Riley, Grace M.,	Decatur
Roodhouse, Charles Edward,	White Hall
Rose, Pearl,	Bement
Ross, Clarence Edwin,	Seymour, Iowa
Rourke, Ethel Ruth,	Divernon
Sanborn, Dorothy A.,	Decatur
Selvy, Harry Francis,	White Hall
Sherman, Fred Lee,	Sandoval
Shuey, Naomi A.,	Decatur
Sidway, Virginia Gertrude,	Godfrey
Sleeter, Rudy C.,	Decatur
Smith, Stanley O.,	Tower Hill
Spindel, Marvel M.,	Springfield
Staley, Lucile,	Pana
Stephenson, Floyd S.,	Decatur
Stieler, Emil Frank,	Virginia
Stribling, William Clinton,	Ashland
Sugg, Maxey Moss,	Kinmundy
Tait, J. Blair,	St. Louis, Mo.
Tenney, Adriance Diana,	Decatur
Thom, Camilla Linn,	Minonk
Todd, Lois C.,	Sullivan
Traver, Dorothy,	Decatur
Trowbridge, Ray Orva,	Decatur
Verner, Everett B.,	Lintner
Wasson, Helen Louise,	Decatur
Wasson, Selma,	Decatur
Whitaker, Horace Baird,	Shelbyville
Whitehead, Roy C.,	Clinton
Wilhoit, Arthur,	Kansas
Wilkin, Ruth E.,	Vermilion
Wilson, Glen Bradford,	Greenville

—138

Fourth Year Academy

Graduating Class

Burner, Florence A.,	Decatur
Calvert, Cecil,	Palmer
Elwood, Daniel Henry,	Decatur
Gebhart, Sybil Emily,	Decatur
Killebrew, Harmon Clayton,	Nebo
McClure, Bessie Grace,	Monticello
Reed, Herman,	Ashmore
Steele, Arthur Yates,	Decatur
Wilkinson, Porter Augustus,	Bethany
Wilkinson, Scott Jackson,	Bethany

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—10

Mitchell, Pearl,	Bethany

—1

Third Year Academy

Armstrong, Marie,	Bethany
Baldridge, Lois R.,	Decatur
Beatty, Alta Mae,	Taylorville
Birks, Florence,	Latham
Clements, Sallye,	Stonington
Cole, Merry Mirth,	Decatur
Cooney, Bernice,	Pekin
Delaney, Leo,	Niantic
Dick, Homer Clarence,	Hammond
Duncan, D. Kenneth,	Lintner
Fahay, William M.,	Decatur
Graham, Ronald C.,	Athens
Hawkyard, Lora Camille,	Warrensburg
Kirkwood, Violet Faye.	Windsor
Long, John F.,	Harristown
Meyer, Emil,	Mt. Sterling
Price, Harold Edgar,	Robinson
Stennett, Josephine Dorothy,	Latham
Thompson, Alice Conant,	Mt. Vernon
Tillman, Guy,	Centralia
Todd, George Lauren,	Sullivan
Weidner, Diamond Thelma,	Bethany
Wolfe, Herschel Herbert,	Decatur

—23

Second Year Academy

Barracks, William Wallace,	Tuscola
Beadles, Clyde B.,	Decatur
Brann, Lucille,	Tuscola
Burr, Emily A.,	Sidney
Cullen, Frances,	Gays
Harshbarger, Howard Jefferson,	Ivesdale
Holcomb, Orville N.,	Centralia
Pogue, Mabel Leona,	Findlay
Smith, Elsie Lucile,	Blue Mound
Stivers, Elsie Alice,	Blue Mound
Stribling, Glenn,	Ashland
Taylor, Elmer Athens,	Decatur
Zimmerman, Dwight Jacob,	Ashmore

—13

First Year Academy

Kellogg, Carrie Frances,	Decatur
Lancaster, Wesley Earl,	Decatur
Otta, Dewey,	Moweaqua
Suffern, Howard L.,	Decatur

—4

Special Students

The following list includes unclassified students of College or Academy rank, carrying one or more subjects.

Ancient Languages

Lear, John Wallace,	Decatur

—1

Chemistry

Bohl, Henry A.,	Toledo, Ohio
Dickerson, Guy Leon,	Decatur
Fahrnkopf, Charles Frank,	Decatur
Ossenburg, June,	Anderson, Ind.

—4

Commerce and Finance

Hill, Trela,	Macon

—1

Domestic Art

Schwab, Clara Estella,	Decatur
Taylor, Harriet May,	Catlin

—2

Domestic Science

Barteau, Julia Lucille,	Decatur
McCollister, Ethel,	Monticello
Wisegarver, Aubra,	Deland

—3

Education

Baker, Mary E.,	Decatur
Broadway, Martha Louise,	Cobden
Christy, Eunice Viox,	Decatur
Christy, Jessie,	Decatur
Cole, Fay,	Macon
Collins, Eloise Gibson,	Decatur
Duvall, Fae,	Argenta
Ensminger, J. Lloyd,	Lima
Giffin, Ona,	Decatur
Godwin, Mary Elizabeth,	Macon
Griffith, Myrna,	Brownstown
Harvey, Lucia M.,	Decatur
Macy, Mable Nadine,	Cerro Gordo
Mead, Alice J.,	Decatur
Riddle, Eva M.,	Decatur
Roney, Margaret E. Showers,	Decatur
Stroh, Gladys M.,	Hume

—17

English

Axton, Hallie L.,	Chicago
Bacon, Eugenia M.,	Decatur
Boland, Edna M.,	Decatur
Craig, Estelle,	Maroa
Marshall, Frances E.,	Decatur
Parker, Emily,	Decatur
Roach, Cora King,	Decatur
Stone, Pauline Carolyn,	Greenview
Trumble, Anna C.,	Douglas, Mich.
Webb, Mattie T.,	Decatur

—10

Fine and Applied Arts

Anderson, Janette Dunseth,	New Holland
Arnold, Cleta,	Lovington
Dague, Mary V.,	Danville
Force, Hazel Houghton,	Shoals, Ind.
Fulton, Amy Day,	Decatur
Mead, Anna E.,	Decatur
Pallardy, Sumner,	Clayton
Pemble, Carl Marshall,	Decatur
Pogue, Zelma,	Findlay
Putnam, Elizabeth W.,	Whiting, Ind.
Rohrer, Inez,	Decatur
Royer, Stella Kathryne,	Decatur
Sinclair, M. Lenore,	Decatur
Smith, Flora B.,	Decatur
Smith, Georgia A.,	Girard
Smith, M. Maude,	Jacksonville

—16

History

Carmichael, Harley F.,	Columbus, Ind.
Lafferty, Charlotte,	Martinsville
Madden, Julia Elizabeth,	Decatur
Moulton, Charity,	Wenona
Pforr, Nora,	Charleston

—5

Liberal Arts

Hall, Lela Fern,	Decatur

—1

Manual Training

Knisley, Andrew Allen,	Decatur
Nutty, Carl A.,	Hopedale

—2

Modern Languages

Savage, Lucile Louise,	Ashland

—1

Conservatory of Music

Practic Courses

Piano

Graduate

Fisk, Sylvia,	Mt. Zion
Mattocks, Ruth,	Oakland
Wandel, Grace Taylor,	Decatur

—3

Collegiate

Armstrong, Eugenia Moore,	Taylorville
Atchison, Florence,	Lovington
Augustine, Lucy,	Decatur
Ayres, Eloise,	Springfield
Baker, Gertrude,	Milmine
Baker, Oma,	Sullivan
Baldridge, Lois,	Decatur
Bateman, Gladys Marie,	Decatur
Bennett, Helen,	Orleans
Bolin, Margaret,	Humboldt
Booth, Melba Antoinette,	Decatur
Broadway, Martha Louise,	Cobden
Burner, Florence A.,	Decatur
Burton, Ethel,	Storm Lake, Iowa
Callans, Louise,	San Antonio, Texas
Casey, Ida,	Moweaqua
Clark, Edna Margaret,	Towanda
Clements, Sallye,	Stonington
Coffman, Jay,	Moweaqua
Cripe, Mabel C.,	Cerro Gordo
Cutler, Vera,	Pana
Dawdy, Ruby Louise	Bruce
Doyle, Ethel Ann,	Decatur
East, Florence Mildred,	Cerro Gordo
Eddy, Velma Zora,	Decatur
Eldred, Irene,	Deer Lodge, Mont.
Enloe, Lora Ina,	Patoka
Ennis, Opal Maurine,	Cisco
Evans, Beulah Campbell,	Decatur
Fitch, Erma,	Greenup
Frey, Marie T.,	Paris
Fuller, Bessie Ellada,	Farmer City
Gobleman, Pansy Irene,	Chestnut
Gorin, Catherine,	Decatur
Green, Fredarieka,	Morrisonville
Gross, Julia,	Atwood
Hanes, Ida Maude,	Springfield
Herren, Alice,	Fillmore
Huffcutt, Leagreeta Helen,	Mattoon
Hutchison, Ersa Margaret,	Farmer City
Jacobs, Eloise E.,	Kewanee
Johnson, Ethel Potter,	Assumption
Jones, Pauline Roberta,	Cowden
Keith, Mary Estelle,	Decatur
Kiel, Rolland Edward,	Jacksonville
Kiick, Elmer L.,	Glidden, Iowa
KreaSan, Shirley Genevieve,	Monticello
Lewman, Doris Mary,	Decatur
Lundh, Ingeborg, M.,	Clinton
McFarlan, Marian Rae,	Newman
Massey, Mary Belle,	Decatur
Matteson, Anna,	Morris
Merris, Helen Frances,	Mt. Auburn
Mikels, Alta,	Cerro Gordo
Miller, Margaret Bonnie,	Weldon
Mitchell, Ethel Grace,	Shobanier
Moffett, Wilma,	Decatur
Moore, Maurine,	Newman
Muir, L. Ruth,	Decatur
Parr, Harriett,	Decatur
Phillis, Gladys LaVon,	Decatur
Phillis, Gertrude,	Decatur
Prichard, Genevra Gregory,	Lovington
Rammell, Jane Irene,	Decatur

Randol, Ethel E.,	Lovington
Savage, Louise,	Ashland
Schien, Vera E.,	Clinton
Spaeth, Augusta,	Decatur
Stamets, Esther Till,	Springfield
Starr, Grace,	Decatur
Stevens, Myrtle McKee,	Metropolis
Stivers, Elsie Alice,	Blue Mound
Stone, Pauline Carolyn,	Greenview
Stroh, Gladys M.,	Hume
Taylor, Frances Laura,	Maroa
Travis, Pearl,	Greenup
Wacaser, Marie,	Decatur
Wasson, Iva Ingersoll,	Decatur
Weilepp, Lois Catherine,	St. John, Kans.
Willis, Florence E.,	Decatur
Zimmerman, Ruby Camille,	Oakland

—81

Piano

Academic

Abel, Ruth Virginia,	Decatur
Adams, Maude Louise,	Atlanta
Allen, Ada Kate,	Decatur
Atlas, Beatrice,	Decatur
Augustine, Mary,	Decatur
Bachman, Henrietta C.,	Decatur
Bailey, Vada,	Boody
Bailey, Fern,	Casner
Baker, Blanch,	Moweaqua
Baldridge, Janice Alleen,	Decatur
Baldwin, Virginia,	Decatur
Barbey, Bernice,	Decatur
Barker, Gaynell,	Ozark
Bauer, Myra Mildred,	Macon
Baumann, Hilma,	Mt. Pulaski
Beatty, May,	Taylorville
Bohlen, Helen,	Moweaqua
Bean, Caroline,	Decatur
Bradley, Harold Wesley,	Riverton
Brann, Lucille,	Tuscola
Britton, Nina Louise,	Mt. Zion
Brayles, Grace,	Hammond
Burr, Emily A.,	Sidney
Burner, Milton David,	Decatur
Caldwell, Esther Mae,	Decatur
Caldwell, Helen,	Decatur
Calvert, Cecil,	Palmer
Carnine, Gail,	Decatur
Carter, Ethel Alice,	Decatur
Chynoweth, Gladys Olive,	Macon
Clair, Grace Louella,	Decatur
Clayton, Lucy Irene,	Auburn
Coon, Irene Freda,	Lovington
Crinigan, Estelle M.,	Decatur
Cunningham, Lucile,	Tuscola
Davis, Lois Aleen,	Cynthiana, Ind.
Day, Helen M.,	Moweaqua
Drennan, Dorothy,	Glenarm
Fox, Mary Helena,	Decatur
Garver, Marguerite,	Decatur
Glazebrook, Vera Cornelia,	Decatur
Goltra, Ina,	Decatur
Graham, Ronald Clifton,	Athens
Gray, Daniel,	Decatur
Gregory, Emma,	Decatur
Gruber, Ethella,	Astoria
Gushard, Geraldine,	Decatur
Hamblin, Bessie,	Lovington
Hawkyard, Lora Camille,	Warrensburg
Hill, Helen Russell,	Casner
Hill, Grace Russell,	Casner
Hinds, Sarah E.,	Dudley
Hirt, Latta Manola,	Lovington
Hoots, Mary,	Cerro Gordo
Hopkins, Clifton,	Casner
Hubbart, Faith,	Macon
Hugenberger, Denice,	Decatur
Hunt, Eva Frances,	Tuscola
Joseph, Abraham,	Decatur
Kay, Mrs. L. R.,	Hammond
Kellington, Roy Irving,	Decatur
Kennedy, Bessie Beryl,	Dalton City
Kingston, Harvey Carl,	Weldon
Kyde, Kathryn May,	Newman
Lehman, Pearl Mae,	Long Creek
Lutz, Eloise,	Decatur
Lynam, Isabella Ann,	Decatur
McAfee, Lola Marie,	Rosamond
McGinnis, Zella Marinda,	Green Cove Springs, Fla.
Marshall, Faye Esther,	Decatur
Mayo, John,	Decatur
Mattes, Adeline,	Decatur
Mester, Helen Edna,	Decatur
Metsker, Viviene,	Decatur
Micenheimer, Russell,	Taylorville
Miller, Maude Annas,	Waverly
Millikin, Merle Fae,	Decatur
Moore, Roy,	Decatur
Mosier, Cleon,	Hammond
Murphy, Lelia,	Hammond
Orr, Edna,	Decatur
Parr, Lucile,	Cisco
Pemberton, Fae Eddy,	Decatur
Picker, Rita,	Assumption
Pogue, Zelma,	Decatur
Post, Frances,	Decatur
Potter, Howard,	Decatur
Pound, Maurine Ella,	Decatur
Pray, Gladys,	Pana
Ray, Louise,	Decatur
Record, Grace,	Decatur
Robinson, Helen Alice,	Decatur
Roodhouse, Edward Charles,	White Hall
Rouch, Etta,	Decatur
Royer, Stella Kathryn,	Decatur
Rybolt, Edna,	Kenney
Sanner, Nora Anna,	Moweaqua
Schraeder, Geneva,	Decatur
Schneider, Mary,	Budley
Shirey, Hazelbelle,	Bement
Sleeter, Bertha Pauline,	Decatur
Smith, Clarence B., Jr.,	Decatur
Stephens, Lola,	Strasburg
Thom, Camilla,	Minonk
Thomas, Fay,	Decatur
Vigles, Maude E.,	Decatur
Weber, Marie,	Decatur
Wikoff, Bertha,	Maroa
Wikoff, Fleta,	Maroa
Wise, Forest George,	Macon
Wood, Grace Bernice,	Cerro Gordo
Wren, Grace,	Hammond
Wren, Ruth,	Hammond
Young, Marie A.,	Decatur

—114

Piano

Elementary

Acton, Erma,	Decatur
Ammann, Margaret,	Decatur
Antrim, Roderic Theadore,	Decatur
Armstrong, Robert,	Decatur
Batcheldor, Grant,	Decatur
Bergen, James McElroy,	Springfield
Betzer, Georgia D.,	Decatur
Boyer, Dorothy,	Decatur
Brown, Hyacinth,	Bement

Burckley, Mary,	Decatur
Burke, Mildred,	Decatur
Busby, Christine,	Decatur
Camp, Marguerite,	Decatur
Cochennour, Ruel,	Decatur
Collins, Doris B.,	Decatur
Cox, Katherine,	Decatur
Deetz, Thelma,	Decatur
Deetz, Bernice,	Decatur
Denz, Louise Elizabeth,	Decatur
Drennan, Dorothy,	Decatur
English, Frank C,	Decatur
Epping, Louise,	Decatur
Ernst, Everett Eugene,	Decatur
Evans, Maurine,	Hammond
Fisher, Dorothy,	Decatur
Fox, Rachel,	Decatur
Frantz, Leona,	Hammond
Frantz, Vivian,	Hammond
Fusch, Katherine,	Decatur
Glen, Freda,	Decatur
Greening, Ruth Elizabeth,	Decatur
Hamman, Ruth Jeannette,	Decatur
Hayes, Helen,	Decatur
Hays, Gladys,	Decatur
Hays, Virginia,	Decatur
Hinkle, La Verne,	Decatur
Hogle, Margaret Serage,	Decatur
Hogle, Wallace William, Jr.,	Decatur
Holben, Geraldine,	Mt. Auburn
Holmes, Virginia,	Decatur
Hopkins, John,	Decatur
Hopkins, Omar,	Decatur
Ilhardt, Irene	Decatur
Irving, Edwina,	Decatur
Jamison, Louise,	Decatur
Keener, Paul,	Decatur
Keith, Howard E.,	Decatur
Kemmerer, Millicent,	Decatur
Kemp, C. Donald,	Decatur
Kemp, Nellie May,	Decatur
Kincade, Hazel Mae,	Decatur
Kizer, Dorothy,	Hammond
Landsman, Nelson,	Decatur
Leonard, Katherine,	Decatur
Lewis, Corwin,	Decatur
Lipscomb, Virginia,	Decatur
Lobenstein, Helen,	Decatur
Lowery, Maurine,	Decatur
McCalman, Helen,	Decatur
Mason, Louise,	Decatur
March, Ruth,	Decatur
Miller, Agnes,	Decatur
Miller, Alice,	Decatur
Miller, Iva,	Decatur
Mills, Candace,	Decatur
Moberly, Louis,	Hammond
Mueller, Florence Beatrice,	Decatur
Neeld, Margaret,	Decatur
Newton, Dorothy,	Decatur
Patterson, Beulah,	Decatur
Phillips, Helen Davis,	Decatur
Potter, Vere,	Decatur
Quickel, Lucile,	Decatur
Quickel, Edna,	Decatur
Rattan, Adele,	Decatur
Roberts, Lucile,	Decatur
Rogers, Earl,	Maroa
Rogers, Claude,	Maroa
Rouch, Frank,	Decatur
Runkel, Pauline,	Decatur
Shafer, Virginia,	Decatur
Sheibley, Bernard,	Decatur
Shepherd, Juanita,	Decatur
Shirk, Richard,	Decatur
Short, Idaehla,	Decatur
Smith, Leona,	Decatur
Stewart, Calvin,	Decatur
Suffern, Edna Battles,	Decatur
Swarthout, Rassele,	Decatur
Traughber, Lucile,	Macon
Traxler, Florence,	Hammond
Traxler, Flossie,	Hammond
Traxler, Mildred,	Hammond
Taylor, Lillian,	Hammond
Veech, Loyd,	Long Creek
Veech, Lewis,	Long Creek
Venters, Helen,	Decatur
Walden, Ruth,	Decatur
Walter, Augusta,	Decatur
Walter, Robert, Jr.,	Decatur
White, Dorothy May,	Decatur
Whitmer, Doris Eileen,	Decatur
Wiswell, Muriel,	Mt. Auburn
Wood, Margaret,	Decatur
Wood, Josephine,	Hammond
Wren, Esther,	Niantic

—107

Voice

Graduate

McClelland, Marian G.,	Decatur
Wilson, Fannie Davenport,	Decatur

—2

Collegiate

Burnett, Ethel,	Decatur
Cade, Harriet,	Centralia
Cheek, Opal,	Mt. Pulaski
Condon, Mary Edna,	Taylorville
Cope, Elizabeth,	Decatur
Corzine, Lena,	Stonington
Ford, Roscoe,	Illiopolis
Gaskins, Josephine,	Decatur
Green, Fredarieka,	Morrisonville
Hawkyard, Lora Camille,	Warrensburg
Hawver, Paul L.,	Decatur
Hershey, Helen Marian,	Stonington
Hobson, Helen,	Taylorville
Horton, Bessie,	Garrett
Houghton, Ralph H.,	Petersburg
Jeffery, Norma June,	Batavia
Johnston, William Arthur,	Petersburg
Kyde, Kathryn May,	Newman
Lucas, Harold S.,	Decatur
MacWherter, Kile,	Decatur
McAfee, Lola Marie,	Rosamond
McDavid, Marie,	Hillsboro
May, Fred R.,	Mt. Zion
Murray, Lelia,	Taylorville
Schien, Vera E.,	Clinton
Stroh, Gladys M.,	Hume
Thompson, Nelle Eileen,	Sullivan, Ind.

—27

Voice

Academic

Arbogast, Aileen,	Clinton
Atchison, Florence,	Lovington
Baker, Gertrude,	Milmine
Barker, Gaynell,	Ozark
Bartlett, Mary Janette,	Morrisonville
Baumann, Grace Birdelia,	Milmine
Beadles, Clyde Baldridge,	Outten
Bean, Helen,	Decatur
Bean, Horatio,	Decatur
Bean, John,	Decatur
Bergen, Esther Lou,	Springfield
Boardman, Jean,	Elwin
Broadway, Louise Martha,	Cobden
Burner, Florence A.,	Decatur
Byerly, Trophy L.,	Kenney
Calef, Gladys,	Decatur
Callans, Louise,	San Antonio, Texas
Campbell, Bessie June,	Dalton City
Carnine, Gail,	Decatur
Carter, Ethel Alice,	Decatur
Cash, Mrs. Paul,	Oakland
Clapper, Mary Frances,	Moweaqua
Clements, Sallye,	Stonington
Cloyd, Margaret Mary,	Bement
Coffman, Verne Howard,	Moweaqua
Colby, Lewis James,	Decatur
Coon, Irene Freda,	Lovington
Cooney, Bernice VonRodenheck,	Pekin
Corzine, Elizabeth,	Assumption
Culp, Mrs. W. E.,	Warrensburg
Cunningham, Lucile,	Tuscola
Davis, Lois Aleen,	Cynthiana, Ind.
Davis, Cordelia Robinson,	Bement
Dawdy, Ruby Louise,	Bruce
Durning, Orville,	Decatur
Ennis, Opal Maurine,	Cisco
Evans, Beulah Campbell,	Decatur
Fields, Thelma,	Bement
File, Clinton M.,	Irving
Folk, Mrs.,	Bement
Franken, Gretchen,	Chandlerville
Gebhart, Sybil Emily,	Decatur
Godwin, Marguerite,	Macon
Godwin, Mary Elizabeth,	Macon
Gregory, Blaine,	Moweaqua
Griffith, Myrna,	Brownstown
Gushard, Geraldine,	Decatur
Hamblin, Bessie,	Lovington
Hanger, Ethel Lee,	Decatur
Hart, Clyde,	Hillsboro
Harney, Harold,	Decatur
Hawkins, Opal,	Taylorville
Heinle, Edith,	Argenta
Henderson, Eleanor,	Taylorville
Henderson, Gladys Berkshire,	Decatur
Henderson, Alice Pryor,	Clinton
Herren, Alice,	Fillmore
Hirt, Latta Manola,	Lovington
Hoots, Mary,	Cerro Gordo
Hoover, Eleanor Scott,	Taylorville
Hornback, Helen,	Decatur
Hudson, Donald,	Decatur

Hudson, Ellis,	Decatur
Huffcutt, Leagreeta Helen,	Mattoon
Hunt, Eva Frances,	Tuscola
Keusink, Lena,	Decatur
Knowles, Arthur Ensel,	Owensville, Ind.
Leake, Adelina,	Centralia
Lewis, Lelia,	Decatur
Lewman, Doris Mary,	Decatur
Knowles, Arthur Ensel,	Owensville, Ind.
Lindsay, Ada Emilie,	Decatur
McFarlan, Rae,	Newman
McPherson, Mrs. W. A.,	Bement
Mattes, E. Violet,	Decatur
Meyer, Harold,	Decatur
Miller, Maude Annas,	Waverly
Mills, Elinor R.,	Decatur
Mitchell, Ethel Grace,	Shobanier
Moffett, Lloyd VanCleve,	Decatur
Moffett, Elizabeth,	Decatur
Monroe, Pauline,	Arthur
Moore, Margaret L.,	Decatur
Mudge, Frederick Pooley,	Chambersburg, Pa.
Muir, Mary Ellen,	Decatur
Noland, Charles F.,	Boody
Noland, Daniel,	Boody
O'Heren, Eileen M.,	Decatur
Oliphant, Winifred A.,	Decatur
Parkhill, Homer,	Hillsboro
Parkinson, Nellis P.,	Centralia
Patterson, Marie,	Clinton
Patton, Fay Belle,	Decatur
Pound, Maurine Ella,	Decatur
Pound, Kenneth Kester,	Decatur
Pray, Gladys,	Pana
Prichard, Genevra Gregory,	Lovington
Purdue, Troy,	Decatur
Redmon, Claribel Elinor,	Decatur
Reeves, Ella M.,	Ivesdale
Rich, Dorothy Lucille,	Farmer City
Rodger, Aileen Mildred,	Decatur
Roodhouse, Edward Charles,	White Hall
Schafer, Olive,	Macon
Shaw, Lauren,	Decatur
Shurtz, E. Judson,	Decatur
Sine, Gladys,	Decatur
Stamets, Esther Till,	Springfield
Starr, Grace,	Decatur
Staley, Lucile,	Pana
Stevens, Myrtle McKee,	Metropolis
Stevenson, Cyril,	Bement
Talbott, Agnes,	Harristown
Taylor, Harriette,	Catlin
Taylor, Marjorie,	Ashland
Tenney, Adriance Diane,	Decatur
Thrift, Grace	Forsyth
Traver, Dorothy,	Decatur
Thompson, Lois E.,	Bement
Wallingford, Hobart	Mt. Zion
Watson, Dora Elizabeth,	Decatur
Weidner, Vera,	Prairie Hall
Weilepp, Paul,	Decatur
Welty, Hope,	Cerro Gordo
Wheeler, Mary,	Cerro Gordo
Wikoff, Fleta,	Maroa

Wilmeth, J. Freeman,	Decatur
Wilson, Tyrol,	Decatur
Willson, Clara,	Clinton
Wolford, Helen B.,	Decatur

—130

Violin

Collegiate

Condon, Adele Muriel,	Taylorville
Costley, Fern,	Weldon
Webb, Karl Edwin,	Seymour, Iowa.

—3

Academic

Allen, Gladys Madeline,	Decatur
Clapper, Mary Frances,	Moweaqua
McGinnis, Zella Marinda,	Green Cove Springs, Fla.
Irwin, Glen Paul,	Cisco
Metsker, Viviene,	Decatur
Simpson, John J.,	Lovington
Weidner, Diamond,	Decatur

—7

Elementary

Musser, Charlotte,	Decatur
Shepherd, Irene,	Decatur
Shirey, Donald,	Bement

—3

Pipe-Organ

Academic

Adams, Maude Louise,	Atlanta
Cutler, Vera,	Pana
Frey, Marie T.,	Paris
Massey, Mary,	Decatur
Mathes, Georgia,	Decatur
Stone, Pauline Carolyn,	Greenview

—6

Cello

Borch, Fred,	Decatur
Goss, Ethel E.,	Berlin, N. H.

—2

Classes in Theoretic, Scientific and Historic Courses

Summary of students who take regular class work in the subjects indicated in addition to work in practic music subjects:

Harmony	86
Musical Form and Analysis	16
History of Music	47
Ear Training	62
Piano Teachers' Training	18
Psychology of Music	12
Public School Music Methods	15
Piano Technic Classes	25
Composition	1
Vocal Diction	7
Solfeggio	30
Ensemble	24
	343

SUMMARY OF ATTENDANCE

College:							
Graduates							
Candidates for Degrees			4				
Not Candidates for Degrees			10	14			
Seniors				40			
Juniors				47			
Sophomores				63			
Freshmen				138			
Specials							
Chemistry			4				
Commerce and Finance			1				
Domestic Art			1				
Education			17				
English			10				
Fine and Applied Arts			8				
History			5				
Manual Training			1				
Modern Languages			1	48	350		
Academy:							
Fourth Year				11			
Third Year				23			
Second Year				13			
First Year				4			
Specials							
Ancient Languages			1				
Domestic Art			1				
Domestic Science			3				
Fine and Applied Arts			8				
Liberal Arts			1				
Manual Training			1	15	66		416
Conservatory of Music:							
Practic Courses:							
Private							
Piano	*3	*81	*114	*107	305		
Voice	2	27	130		159		
Violin		3	7	3	13		
Pipe-Organ			6		6		
Cello			2		2	485	
Class							
Choral						60	
Theoretic, Scientific, Historic, and Pedagogic Courses:							
Private					62		
Class					281	343	
						888	
Less Duplicates Choral, Orchestral, Theoretical, etc.						451	437
							853
Less enrolled also in Conservatory of Music							69
Total Enrollment							784

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*Graduate, Collegiate, Academic and Elementary courses respectively.

THE ALUMNI

NOTE—The graduates of the institution will please notify the authorities of the college of changes in their residence and business addresses.

Alumni Association

William Ray McGaughey, 1906, President, Mt. Zion, Ill.

Miss Edna Belle Orr, 1912, Vice-President, Decatur, Ill.

Miss Ada Emilie Lindsay, 1905, Secretary and Treasurer, Decatur, Ill.

Kappa Society

William F. Henderson, 1914,	President,	Decatur, Ill.
Laura Kriege, 1913,	Vice-President,	St. Louis, Mo.
Mary Carroll, 1911,	Secretary,	Decatur, Ill.
Mrs. W. H. Duerr, 1907,	Treasurer,	Decatur, Ill.

Decatur Millikin Club

Carleton F. Mattes, 1909,	President
Mrs. Forrest File, 1905,	Vice-President
Katherine M. Trautman, 1908,	Secretary
R. Zink Sanders, 1907,	Treasurer

Chicago Millikin Club

Philip H. McGrath, 1910,	President
John P. Montgomery, 1913,	Secretary and Treasurer

Clinton Millikin Club

Mrs. Peter McEwen, 1909,	President
J. Ben Wand, 1911,	Vice-President
Esther Lou Bergen, 1913,	Secretary
Emmet Kent,	Treasurer

Edgar H. Allen, B.S. in Commerce and Finance, 1912, Law Student, with Vail, Miller & Pogue, Decatur, Ill.

Cecile Allentharp, B.S. with Library Science, 1910, Teacher, Tie Siding, Wyo.

Viola May Ameling, B.S. in Domestic Economy, 1913, Decatur, Ill.

Erma Clark Anderson, B.S. in Fine and Applied Arts, 1909, Decatur, Ill.

Bessie Armstrong, B.S. in Domestic Economy, 1910, (Mrs. P. J. Dean) Hays, Kans.

Goldia Atherton, B.S. in Fine and Applied Arts, 1909, Teacher History and Drawing, High School, Lovington, Ill.

Golda Mae Atlass, A.B., 1905 (Mrs. Isador A. Wallins) Decatur, Ill.

Jessie Corita Ayres, A.B., 1913, Telegraph Operator, New Lenox, Ill.

Hila Augusta Ayres, A.B., 1914, Teacher Mathematics and Science, High School, Virden, Ill.

Alice A. Baker, A.B., 1905, (Mrs. Forrest File) Decatur, Ill.

Emma L. Baker, B.S. with Pedagogy, 1905, Teacher Keramics, Decatur College and Industrial School.

Mary Frances Baker, A.B., 1912 (Mrs. Ernest Primm) Tallula, Ill.

William Hail Banfill, A.B., 1909, Bushnell, Ill.

Ellis Edwin Bankson, B.S. in Civil Engineering, 1907, Lecturer Civil Engineering, University of Manitoba, Winnipeg, Canada.

Herbert O. Barnes, A.B., 1909, Teacher Mathematics, High School, Springfield, Ill.

Ralph S. Bauer, A.M., 1906, Professor Law, John B. Stetson University, DeLand, Fla.

Charlotte Emily Baxmeyer, B.S. in Domestic Economy, 1915, Teacher Public Schools, Decatur, Ill.

Viola M. Bell, B.S. in Domestic Economy, 1911, Graduate Student, Columbia University, New York, N. Y.

William H. Bell, B.S. in Commerce and Finance, 1909, City Passenger Agent, Soo Lines, Chicago, Ill.

Ora Endes Bellamy, A.B., 1909, Decatur, Ill.

Orris Bennett, B.S. in Commerce and Finance, 1907, Attorney, Government Land Office, Washington, D. C.

Esther Lou Bergen, A.B., 1913, Teacher Latin and English, High School, Clinton, Ill.

Ruth Bicknell, A.B., 1908, (Mrs. Edgar Walker) Joliet, Ill.

Bessie B. A. Bishop, B.S. in Domestic Economy, 1914, Instructor Domestic Science, Decatur College and Industrial School.

Helen Adelia Bishop, B.S. in Domestic Economy, 1909, Teacher in Domestic Science, National School of Domestic Art and Science, Washington, D. C.

Bonnie R. Blackburn, A.B., 1908, Associate Professor Modern Languages, Decatur College and Industrial School.

Mary Madge Blake, B.S. in Domestic Economy, 1912, (Mrs. Robert A. Miller) Decatur, Ill.

A. Keach Bone, A.B., 1907, Farmer, Petersburg, Ill.

Alice Roberta Bone, A. B., 1909, (Mrs. Earl J. Hurie) Petersburg, Ill.

Wesley Kenneth Bone, A.B., 1910, Principal Rock Creek School, Petersburg, Ill.

Edith Ward Bowyer, A.B., 1911, Deceased.

Anne Morris Boyd, A.B. with Library Science, 1906, Librarian, State Normal School, Whitewater, Wis.

Bounita Boyd, A.B., 1910, (Mrs. Harry F. Hadley) Vermillion, S. D.

Lucile Margaret Bragg, A.B., 1909; A.M., 1910; Recorder and Instructor Latin, Decatur College and Industrial School.

Nina May Brecount, B.S. with Library Science, 1913, Librarian, City Library, Grinnell, Ia.

Ward Joseph Bricker, A.B., 1909, Farmer, Argenta, Ill.

Leo R. Brown, B.S. in Commerce and Finance, 1911, Assistant to Superintendent, Review Printing & Stationery Co., Decatur, Ill.

Lois Adeline Browne, A.B., 1912, Teacher English, Union Academy, Anna, Ill.

Earle R. Bryant, A.B., 1906, A.M., 1910, Professor Biology, Muskingum College, New Concord, Ohio.

Estella Esther Bryant, A.B. with Library Science, 1906, Pastor's Secretary, Second Presbyterian Church, Decatur, Ill.

Bertie H. Buck, B.S. in Civil Engineering, 1911, Civil Engineer, Bogalusa, La.

Isabel Bumgarner, A.B., 1907, (Mrs. Verne R. Ross) Covina, Cal.

M. Ethel Bumgarner, A.B., 1907, (Mrs. Ralph Mills) Seoul, Korea.

Mary Edna Burgess, B.S. in Domestic Economy, 1909, Presbyterian Missionary, Urumiah, Persia.

Robert Paul Cannon, A.B., 1915, Graduate Student, University of Chicago, Chicago, Ill.

Mary Ellen Carroll, A.B., 1911, Teacher Geometry and Latin, High School, Decatur, Ill.

Maude Carter, B.S. in Fine and Applied Arts, 1909, (Mrs. Arthur Meyer) Teacher Public Schools, Decatur, Ill.

Ella May Cockrell, B.S. with Pedagogy, 1906, A.M., 1907, Teacher Latin and English, High School, Prophetstown, Ill.

Cora Steele Cockrum, A.B., 1910, Teacher Latin and History, High School, King City, Mo.

Roscoe C. Coen, A.B., 1915, Student McCormick Theological Seminary, Chicago, Ill.

Eugene Starr Cole, B.S. in Commerce and Finance, 1908, Assistant Auditor, Illinois Traction Co., Champaign, Ill.

Jesse L. Conel; A.B., 1912, Graduate Assistant in Zoology, University of Illinois, Urbana, Ill.

Nina Cornelia Conel, B.S. in Domestic Economy, 1915, Teacher Public Schools, Decatur, Ill.

Lottie B. Cook, A.B., 1912, Principal High School, Bement, Ill.

Norma Louise Council, A.B., 1912, (Mrs. Fred O'Bannon) Greenville, Miss.

Cecil Cox, B.S. in Commerce and Finance, 1910, Insurance Business, Decatur, Ill.

Clarence Charles Crumbaker, B.S. in Commerce and Finance, 1914, with James H. Rhodes Co., Chicago, Ill.

William Leslie Crow, A.M., 1914, Principal High School, Falls City, Neb.

Frank R. Culp, B.S. in Electrical Engineering, 1909, with General Electric Co., Schnectady, N. Y.

Lucy Alice Curtis, B.S. with Library Science, 1912, Library Assistant John Crerar Library, Chicago, Ill.

Sarah Dale, A.B., 1914, Instructor Modern Languages, Decatur College and Industrial School.

Andrew John Dallstream, B.S. in Commerce and Finance, 1915, Law Student, University of Chicago, Chicago, Ill.

Junius Earl Dappert, B.S. in Electrical Engineering, 1907, Manager Middle West Utilities Co., Colgate, Okla.

Hubert Kershaw Davenport, B.S. in Civil Engineering, 1909, Fruit Grower, Hood River, Ore.

John Wesley Davidson, B.S. in Civil Engineering, 1907, Civil Engineer, Hot Springs, Ark.

Edith Verna Davis, B.S. with Library Science, 1915, Librarian Kingfisher College, Kingfisher, Okla.

Edna Emma Davis, A.B., 1913, Teacher Public Schools, Decatur, Ill.

Frank William Davis, A.B., 1915, Principal High School, Lacon, Ill.

Lelah Bell Davis, A.B., 1914, Decatur, Ill.

Ilda Josephine Dearth, B.S. with Library Science, 1911, (Mrs. A. C. Boyd) Chicago, Ill.

Lulalou DeGroat, A.B., 1908, Teacher German, High School, New Britain, Conn.

Alice Natalie Dempsey, A.B., 1909 (Mrs. Roy M. Hamilton) Twin Falls, Idaho.

Jessie Maude DePuy, B.S. with Pedagogy, 1907, Raven, Ill.

Everett Lawrence Dickey, A.B., 1910, Teacher History, Junior High School, Decatur, Ill.

Ida Odessa Diller, A.B., 1907, (Mrs. Charles F. Record) Newman, Ill.

Edwin W. Doran, A.M. with Pedagogy, 1906, Lawyer, Benton, La.

Sophia M. Drobisch, A.B., 1914, Teacher Public Schools, Decatur, Ill.

Archibald Taylor Dunn, B.S. in Commerce and Finance, 1913, Farmer, Virginia, Ill.

Bertha E. Eaton, A.B., 1908, A.M., 1909, Decatur, Ill.

Mabel Kent Edmunson, A.B., 1913, Atwood, Ill.

Zeldra Edwards, B.S. in Fine and Applied Arts, 1912, (Mrs. Harry E. Ehrhart) Redvale, Colo.

Iris Eginton, A.B. in Education, 1915, Teacher Public Schools, Largo, Fla.

Mary Louise Elder, A.B., 1909, Albany, Ga.

Frances Fell, A.B., 1908, Graduate Student, University of Illinois, Urbana, Ill.

Jessie Lavina Ferguson, A.B. with Library Science, 1907, Librarian, Ferry Hall, Lake Forest, Ill.

Ella Hope Finfrock, A.B., 1907, A.M. 1908, Teacher German, etc., High School, Houston Heights, Texas.

Fay Lynton Fisher, A.B., 1914, Teacher German, High School, Manchester, Ind.

Clarence Hubert Flegel, B.S. in Commerce and Finance, 1910, Student Law School, Cornell University, Ithaca, N. Y.

Margaret Verl Freyburger, A.B., 1914, Assistant Principal, High School, Lawrence, Mont.

Charles Alanson Gearish, A.B. 1915, Advertising Solicitor, Herald Printing and Stationery Co., Decatur, Ill.

Edna Gladdine Gelsthorp, A.B., 1915, Beason, Ill.

Bessie A. Gilman, B.S. with Library Science, 1911, Warrensburg, Ill.

Blanche Good, A.B., 1910, (Mrs. Oscar Brown) Dixon, Ill.

Hazel Belle Grady, B.S. in Domestic Economy, 1915, Principal, High School, Sorento, Ill.

Daniel Gray, A.B., 1913, Teacher Rural School, Argenta, Ill.

Charles Edwin Grundy, B.S. in Commerce and Finance, 1915, Assistant Cashier, First National Bank, Grand Island, Nebraska.

Harry Fielding Hadley, A.B., 1911, State Food Inspector, Vermillion, S. D.

Clarence E. Hall, B.S. in Commerce and Finance, 1911, with Hall Bros., Clothiers, Decatur, Ill.

James Harvey Hall, B.S. in Commerce and Finance, 1914, Teacher Commercial Subjects, High School, Decatur, Ill.

Blanche Hamilton, B.S. with Library Science, 1911, (Mrs. Frank Housman) Twin Falls, Idaho.

Roy M. Hamilton, B.S. in Commerce and Finance, 1910, Ranchman, Twin Falls, Idaho.

Mary Edith Hampton, B.S. with Library Science, 1912, (Mrs. Harry B. Munch) Decatur, Ill.

Jesse Harold Hampton, A.B., 1911, Advertising Solicitor, Illinois State Journal, Springfield, Ill.

Irene Handlin, B.S., in Fine and Applied Arts, 1907, (Mrs. W. H. Duerr) Decatur, Ill.

Clyde William Hart, A.B., 1915, Instructor English, Decatur College and Industrial School, Decatur, Ill.

Charles H. Hartwig, A.B., 1909, Medical Student Leland Stanford, Jr., University, Stanford University, Cal.

Paul Loren Hawver, A.B., 1915, Teacher Mathematics and Science, High School, Blue Mound, Ill.

Carl I. Head, B.S. in Mechanical Engineering, 1911, Instructor in Mechanical Drawing, Decatur College and Industrial School.

Alice Pryor Henderson, A.B., 1911, Teacher English, High School, Clinton, Ill.

William Franklin Henderson, A.B., 1914, Instructor Chemistry, Decatur College and Industrial School.

Herbert Eugene Hessler, B.S. in Commerce and Finance, 1915, Efficiency and Accounting Department, Faries Mfg. Co., Decatur, Ill.

Margaret Constance Hessler, A.B., 1914, Graduate Student, Columbia University, New York, N. Y.

Alice Irene Hicks, A.B., 1914, Chicago, Ill.

Everett Hodge, B.S. in Commerce and Finance, 1910, with Millikin National Bank, Decatur, Ill.

Cyrus Hersell Hoggatt, B.S. in Commerce and Finance, 1908, Evangelistic Singer, Chicago, Ill.

Corinne Painter Holcomb (Mrs.), A.B., 1912, Decatur, Ill.

William B. Holmes, B.S. in Commerce and Finance, 1913, Teacher History and Commercial Subjects, High School, Effingham, Ill.

Mattie Virginia Horn, A.B., 1915, Ogden, Utah.

Ruth Brooks Hostettler, B.S. in Domestic Economy, 1915, Teacher Domestic Science, High School, Greenfield, Ill.

James Frank Houghton, A.B., 1915, Law Student, University of Michigan, Ann Arbor, Mich.

Ellis Herndon Hudson, A.B., 1911, Medical Student University of Pennsylvania, Philadelphia, Pa.

Harris Gary Hudson, A.B., 1909, Teacher History, Phillips Academy, Andover, Mass.

Harry N. Humphrey, A.B., 1907, Stockman, LeRoy, Ill.

Chester B. Hyde, A.B., 1909, Farmer, Malta, Mont.

Alta Eloise Irwin, A.B., 1914, Teacher Nan Girls' School, Nan, North Siam.

Walter Isaacs, B.S. in Fine and Applied Arts, 1909, Teacher Art, State Teachers' College, Greeley, Colo.

Bessie Louella Jacobsen, A.B., 1914, (Mrs. Archibald T. Dunn) Virginia, Ill.

Sarah Augusta Jacobsen, A.B., 1912, (Mrs. Rolla Dragstream) Weldon, Ill.

Zuba Earle James (Mrs.), B.S. in Domestic Economy, 1910, Teacher Domestic Economy, High School, Merrill, Wis.

Ray Freeman Jenney, A.B., 1915, Student Union Theological Seminary, New York, N. Y.

Fred F. Joel, A.B., 1914, Chemist, Empire Zinc Co., Canon City, Colo.

Ethel Bertha Jones, A.B., 1909, (Mrs. Peter McEwen) Clinton, Ill.

Florence M. Jones, A.B., 1906, (Mrs. C. P. Summers) Springfield, Ill.

Hazel Caroline Jones, A.B., 1909, Danville, Ill.

Ralph E. Jones, B.S. in Electrical Engineering, 1910, Farmer, Heyworth, Ill.

Robert W. Keeton, B.S. with Pedagogy, 1904, Adjunct Professor Physiology, Albany Medical College, Albany, N. Y.

Helen Ketch, A.B., 1913, (Mrs. Oscar W. Barnes) Kirksville, Mo.

Charles W. F. King, A.B., 1909, Student McCormick Theological Seminary, Chicago, Ill.

Edward L. King, B.S., 1904, B.S., with Pedagogy, 1905, Superintendent of Schools, Coggon, Iowa.

Lorin Hudson King, A.B., 1914, Student McCormick Theological Seminary, Chicago, Ill.

Jacoh Ray Kirk, B.S. in Electrical Engineering, 1908, Superintendent Electric Light Plant, Pryor, Okla.

Laura Olivia Kriege, A.B., 1913, St. Louis, Mo.

Lottie A. Lamh, A.B., 1908, (Mrs. H. Guy Porter) Kansas City, Mo.

Mial Elias Lamb, B.S. in Civil Engineering, 1912, with Vincennes Bridge Co., Vincennes, Ind.

Ara Willard Large, A.B., 1915, Teacher English, High School, Carlinville, Ill.

Lulu Lillian Laughlin, A.B., 1907, A.M., 1908, (Mrs. Edgar J. Witzemann) Chicago, Ill.

Litta Marie Law, B.S. in Domestic Economy, 1915, Streator, Ill.

Lena Laws, B. S. in Domestic Economy, 1913, Donnellson, Ill.

Clara Frances Lefever, B.S. with Library Science, 1914, Librarian, Adams Memorial Library, Wheaton, Ill.

Benjamin George Lehenhauer, A.B., 1909, with Union Central Life Insurance Co., Cincinnati, Ohio.

Philip Augustus Lehenhauer, B.S. with Pedagogy, 1908, A.M., 1909, Instructor in Biology, University of Nevada, Reno, Nev.

Cora Irene Leihy, B.S. in Domestic Economy, 1909, Teacher Domestic Economy, University of Idaho, Moscow, Idaho.

Ruth Lorena Lewman, A.B., 1915, Teacher English and French, High School, Danville, Ill.

Cleo Lichtenherger, B.S. with Library Science, 1911, Assistant in Cataloging Department, University of Illinois, Urbana, Ill.

Jessie Florence Lichtenherger, A.B., 1907, Teacher Latin and History, High School, Auburn, Wash.

George Otto Lillich, B.S. in Music, 1915, Student New York Institute of Musical Art, New York, N. Y.

Ada Emilie Lindsay, A.B., 1905, Decatur, Ill.

James M. Lively, A.B., 1911, Pastor Baptist Church, Tuscola, Ill.

Lucile Logan, A.B., 1911, Bethany, Ill.

Alex Long, A.B., 1915, Teacher English, High School, Greenville, Ill.

Florence L. Lyon, B.S. with Pedagogy, 1904, Teacher English, High School, Sioux Falls, S. D.

John Rambo Lyons, A.B., 1910, Presbyterian Missionary, Shun-te-fu, China.

Davida McCaslin, B.S. with Pedagogy, 1907, Instructor English, Decatur College and Industrial School.

Everett Baird McClelland, B.S. in Commerce and Finance, 1911, Farmer, Moweaqua, Ill.

Marian McClelland, B.S. in Music, 1915, Instructor Singing, Millikin Conservatory of Music, Decatur, Ill.

Ben McCrum, B.S. in Civil Engineering, 1911, with Government Engineering Corps, Cincinnati, Ohio.

Myrtle Vance McDaniel, B.S. in Domestic Economy, 1914, Casner, Ill.

Carroll Meridith McDavid, A.B., 1915, Teacher Science, High School, Effingham, Ill.

Horace Wilson McDavid, A.B., 1907, Lawyer, Decatur, Ill.

Edmund Urhan McDonald, A.B., 1915, Teacher Mathematics, High School, Greenville, Ill.

William Ray McGaughey, A.B., 1906, Cashier Mt. Zion Bank, Mt. Zion, Ill.

Fredric Talley McGee, A.B., 1909, Newspaper and Magazine Writer, Oklahoma City, Okla.

Philip Henry McGrath, A.B., 1910, Lawyer, Chicago, Ill.

Martha Gertrude McIntosh, A.B. in Education, 1915, Teacher English and Spanish, High School, Mobile, Ala.

Mary Elizabeth McKennan, A.B., 1912, (Mrs. W. A. Reynolds) Los Angeles, Calif.

Anna Ruth McMennamy, A.B., 1915, Assistant Principal, Public Schools, Decatur, Ill.

Margaret McNabb, A.B., 1914, Decatur, Ill.

Cecil Baird McReynolds, B.S. in Civil Engineering, 1910, Hardware Business, Cynthiana, Ind.

Thomas Byrd Magath, M.S., 1914, Graduate Assistant in Zoology, University of Illinois, Urbana, Ill.

Anna Dora Magill, A.B., 1907, (Mrs. I. L. Sears) Waverley, Ill.

Ansell O. Magill, A.B., 1908, Physician and Surgeon, Concord, Ill.

Eula Mason, A.B., 1914, (Mrs. George P. Byrne) Decatur, Ill.

Masuji Matsumoto, B.S. in Commerce and Finance, 1908, Brokerage Business, Tokio, Japan.

Carleton F. Mattes, B.S. in Commerce and Finance, 1909, with Decatur Brick Co., Decatur, Ill.

Jewel May, A.B., 1912, Teacher Public Schools, Decatur, Ill.

Edna Jean Meeker, B.S. in Fine and Applied Arts, 1915, Garrett, Ill.

Lloyd L. Meeker, A.B., 1913, Garrett, Ill.

William W. Meiners, A.M., 1914, Dean Southern Minnesota Normal College, Austin, Minn.

Byron McCoy Merris, A.B., 1913, Student Law Department, Wesleyan University, Bloomington, Ill.

Frank Clifford Miller, B.S. in Mechanical Engineering, 1909, Instructor Mechanical Engineering, Montana State College, Bozeman, Mont.

Hallie May Miller, A.B., 1907, Teacher Mathematics and Commercial Subjects, High School, Staunton, Ill.

Margaret Josephine Miller, A.B., 1912, Decatur, Ill.

Trenna June Miller, A.B., 1906 (Mrs. George G. Taylor) Highland Park, Ill.

Anna Stockton Milligan, B.S. in Domestic Economy, 1914, Teacher Domestic Science, High School, Rochester, Ind.

Burwell A. Million, B.S. in Commerce and Finance, 1913, with Northwestern Life Insurance Co., St. Louis, Mo.

Andrew Huhert Mills, A.B., 1914, Law Student, with Mills Bros., Decatur, Ill .

Helen Elizaheth Mills, A.B., 1909, B.S. in Fine and Applied Arts, 1912, (Mrs. Ansell O. Magill) Concord, Ill.

Judith Belle Mills, A.B., 1907, (Mrs. Keach Bone) Petersburg, Ill.

Sarah Voorhees Modes, B.S. with Domestic Economy, 1915, Streator, Ill.

Helen Lucretia Moffett, A.B., 1913, (Mrs. Amstead Staley) Decatur, Ill.

Jean Ellen Monroe, B.S. in Music, 1915, Wheaton, Ill.

Dwight A. Montgomery, A.B., 1910, with American Real Estate Co., Chicago, Ill.

Mildred Hitchcock Montgomery, B.S. in Fine and Applied Arts, 1912, Decatur, Ill.

John Paul Montgomery, B.S. in Commerce and Finance, 1913, with James H. Rhodes Co., Chicago, Ill.

Ruth Lasatia Montgomery, B.S. with Library Science, 1914, Assistant Librarian, State Library, Springfield, Ill.

Josiah Arthur Moore, B.S. in Commerce and Finance, 1907, Special Agent U. S. General Land Office, Seattle, Wash.

Lillian M. Moore, A.B., 1910, (Mrs. Lloyd Moore) Assumption, Ill.

Effie M. Morgan, A.B., 1913, Teacher English and German, High School, Clinton, Ill.

Edgar D. Morrow, A.B., 1907, Farmer and Stock Raiser, Newman, Ill.

James David Moses, B.S. in Commerce and Finance, 1906, Lumber Business, Emporia, Kans.

Harry B. Munch, A.B., 1913, Teacher History and Economics, High School, Bement, Ill.

Leon Goodbrake Myers, A.B., 1912, Teacher Mathematics and Athletic Coach, High School, Logansport, Ind.

Thomas Barker Myers, A.B., 1912, Deceased.

Narcissa LaRue Neisler, A.B., 1911, (Mrs. H. K. Davenport) Hood River, Ore.

Anna Catherine New, A.B., 1912, Teacher English, State Normal College, Dillon, Mont.

Ruth Marie Nicholson, B.S. in Domestic Economy, 1914, Teacher Domestic Science, Public Schools, Decatur, Ill.

Arthur Wilhelm Niedermeyer, A.B., 1912, Superintendent of Schools, Greenville, Ill.

Edgar David Nitchals, B.S. in Electrical Engineering, 1910, Engineer, Y. M. C. A., Kansas City, Mo.

Ray Oliphant, B.S. in Electrical Engineering, 1907, with General Electric Co., St. Louis, Mo.

Elsa M. Olsen, A.B., 1907, (Mrs. Lester Barry) Deceased.

Edna Belle Orr, A.B., 1914, Decatur, Ill.

Julia Owings, B.S. in Fine and Applied Arts, 1912, Teacher, Public Schools, Decatur, Ill.

Charles Bertram Padon, B.S. in Electrical Engineering, 1907, with Westinghouse Electric Co., Chicago, Ill.

Florence Sarah Page, A.B., 1911, Decatur, Ill.

Nellis Paul Parkinson, A.B., 1915, Secretary Conservatory of Music, Decatur College and Industrial School.

Rhoda Ferne Parr, A.B., 1912, (Mrs. Corydon Wilkin) Paris, Texas.

Clara May Pasold, A.B., 1914, Teacher English, Junior High School, Decatur, Ill.

Jessie Elizabeth Patterson, A.B., 1912, (Mrs. Paul Montgomery O'Day) Springfield, Mo.

Letha Bayhan Patterson, A.B., 1907, Proof Reader, Review Publishing Co., Decatur, Ill.

Daisy Venita Payne, A.B., 1907, (Mrs. Dwight L. Young) Richmond, Ind.

Jessie Reeves Penhallegon, A.M., 1908, (Mrs. Harry Crea) Manila, P. I.

Lucy W. Penhallegon, B.S. with Pedagogy, 1905, (Mrs. O. C. Montgomery) Los Angeles, Cal.

Harry Ambrose Perrin, M.A. in Education, 1915, Superintendent of Schools, Lincoln, Ill.

Floyd Winton Perry, B.S. in Commerce and Finance, 1911, with Illinois Steel Co., Gary, Ind.

Loyal John Petrie, B.S. in Commerce and Finance, 1911, Wholesale Leather Business, Chicago, Ill.

Anna Marie Phillips, A.B. in Education, 1915, Teacher Public Schools, Decatur, Ill.

Cordelia Georgia Pierson, A.B., 1910, Instructor History and Economics, Ballard Normal School, Macon, Ga.

Harry Charles Pifer, A.B., 1915, Teacher English, High School, Downer's Grove, Ill.

Everett Wilson Pinkstaff, A.B., 1912, with Shevlin-Clarke Co., L't'd., Fort Francis, Ont.

Mary Pinnell, B.S. in Domestic Economy, 1915, Kansas, Ill.

Mary Leslie Poor, A.B., 1907, (Mrs. Crawford Smith) Louisville, Ky.

H. Guy Porter, B.S. in Electrical Engineering, 1907 Deputy Meter Inspector, Kansas City, Mo.

Charles Arthur Post, B.S. in Commerce and Finance, 1907, Wholesale Grocery Business, Des Moines, Iowa.

Marguerite Shaw Potter, A.B., 1913, Teacher English, Departmental School, Decatur, Ill.

Edith Margaret Potts, A.B., 1910, A.M., 1912, Teacher, Public Schools, LaGrange, Ill.

Margery McFadden Prestley, A.B., 1915, Teacher Mathematics and English, High School, Howard, S. D.

Mary Prestley, A.B., 1913, Teacher Domestic Art and Science, High School, Chenoa, Ill.

Dorothy Ann Pyatt, A.B., 1909, (Mrs. Kent Williamson) Bethany, Ill.

Charles F. Record, A.B., 1905, Pastor Presbyterian Church, Newman, Ill.

Blanche Redmon, A.B., 1912, A.M., 1913, Decatur, Ill.

Della Blossom Redmon, B.S. in Domestic Economy, 1914, Teacher English Latin and German, High School, Macon, Ill.

Minnie Redmon, A.B., 1907, Teacher Natural Sciences, High School, Guthrie, Okla.

James Albert Richardson, A.B., 1909, Principal Ward School, Springfield, Ill.

Opal Dean Riddle, B.S. in Domestic Economy, 1914, Instructor Domestic Art, Decatur College and Industrial School.

Harry E. Riggs, B.S. in Commerce and Finance, 1913, with Strathmore Paper Co., Mittineague, Mass.

Corwine E. Roach, A.B., 1911, Manager Capital City Paper Co., Springfield, Ill.

Bertha Fern Rogers, B.S. in Domestic Economy, 1915, Assistant Teacher Domestic Science, Kansas State Agriculture School, Manhattan, Kan.

Ethel Rogers, A.B., 1910, (Mrs. Arthur O'Keefe) Fancy Prairie, Ill.

Walter E. Rogers, A.B., 1913, Assistant Instructor Biology, University of Iowa, Iowa City, Ia.

Miriam Rosenstein, A.B., 1914, Teacher English and German, High School, Clinton, Ill.

Edward W. Ross, B.S. in Commerce and Finance, 1910, with Leader Iron Works, Philadelphia, Pa.

Flora Emma Ross, A.B., 1910, Teacher German, High School, Decatur, Ill.

Verne R. Ross, A.B., 1908, Teacher Chemistry, High School, Covina, Cal.

Corwin Eugene Russell, A.B., 1915, Teacher Commercial Subjects, High School, Talona, Ill.

Lena Marie Russell, A.B., 1912, Teacher Mathematics, High School, Lovington, Ill.

Margaret Louise Russell, A.B., 1912, Decatur, Ill.

Robert Zink Sanders, A.B., 1907, Physician, Decatur, Ill.

Norman J. Sansom, B.S. in Commerce and Finance, 1909, Tailoring Business, Bloomington, Ill.

Harry Tecumseh Scherer, A.B., 1913, Student McCormick Theological Seminary, Chicago, Ill.

John F. Schudel, A.B., 1905, Laundry Business, Decatur, Ill.

John Lee Scott, A.B., 1909, Teacher Illinois Business College, Springfield, Ill.

Marie Scott, A.B., 1913, (Mrs. Russell Camp) Bement, Ill.

Mary Edna Scott, A.B., 1912, Teacher English, High School, Springfield, Ill.

Mary Lois Scott, A.B., 1912, (Mrs. W. S. Smith) Hood River, Ore.

Dorothy Josephine Shade, A.B., 1912, Decatur, Ill.

Harriet Ellen Shade, B.S. in Domestic Economy, 1914, Teacher Domestic Art, Public Schools, Decatur, Ill.

Ivra Clemence Shaw, A.B. in Art Education, 1915, Decatur, Ill.

Thomas E. Sherman, A.M., 1914, Pastor First Presbyterian Church, Williamsburg, Iowa.

Dona Lucille Shipp, B.S. in Music, 1914, Teacher English and Public School Music, Delavan, Ill.

Susan Mildred Shipp, B.S. in Fine and Applied Arts, A.M., 1912, (Mrs. Harold G. Pickering) Superior, Wis.

Emma Pearl Shore, A.B., 1909, Principal High School, Chandlerville, Ill.

Ethel Winifred Shore, A.B., 1911, Teacher Biology, High School, Beardstown, Ill.

Hiram M. Shumway, B.S. in Commerce and Finance, 1908, Merchant, Taylorville, Ill.

Thekla Maria Siebens, A.B., 1911, Teacher German, High School, Riverside, Ill.

Maurice Stanley Sly, A.B., 1910, with Irwin, Neisler & Co., Pharmaceutical Chemists, Decatur, Ill.

Seva Ruth Smith, B.S. in Domestic Economy, 1915, Instructor Domestic Science, State Normal School, Cape Girardeau, Mo.

William Edgar Smith, A.B., 1913, Pastor Presbyterian Church, Paw Paw, Mich.

Elmer C. Spence, A.B., 1913, Principal Tucson Indian Training School, Tucson, Ariz.

Emerson Cash Springer, A.B., 1915, Farmer, Newman, Ill.

Irene Elizabeth Staley, A.B., 1909, Teacher English, High School, DeKalb, Ill.

Edgar David Stapp, B.S. in Civil Engineering, 1910, Government Survey, Rock Falls, Ill.

Arthur Logan Starkey, A.B., 1914, with Sears, Roebuck & Co., Chicago, Ill.

Esther Marie Starr, B.S. in Domestic Economy, 1911, Decatur, Ill.

Edgar Foster Stevens, B.S. in Electrical Engineering, 1912, with Union Electric Light and Power Co., St. Louis, Mo.

Ruth Amanda Stevens, B.S. in Domestic Economy, 1909, A.M., 1910, (Mrs. John Rothacher) Highland Park, Ill.

Louise Cornelia Stevenson, B.S. in Domestic Economy, 1910, Instructor Domestic Science, Minnesota Normal School, Mankato, Minn.

Celia Louise Still, B.S. in Domestic Economy, 1909, (Mrs. H. H. Kaukel) Tower Hill, Ill.

Iva M. Still, A.B., 1905, Teacher Civics, High School, Muskegon, Mich.

Ann Stoker, B.S. in Domestic Economy, 1914, Centralia, Ill.

G. Ellen Stone, A.B., 1908, Evansville, Ind.

Helen Lovica Stone, B.S. in Domestic Economy, 1907, (Mrs. J. C. Wilson) Milwaukee, Wis.

Mabel Gertrude Stone, A.B., 1915, (Mrs. Ralph J. Monroe) Decatur, Ill.

Annie G. E. Stowell, B.S. in Domestic Economy, 1915, Teacher Domestic Science and Preceptress of Ladies Hall, St. Paul's College, St. Paul Park, Minn.

Edna Louise Strader, B.S. in Domestic Economy, 1910, Professor of Household Economics, Eastern Kentucky State Normal School, Richmond, Ky.

Ruth Pauline Swanson, A.B., 1914, Teacher Public Schools, Hoopeston, Ill.

Samuel Alfred Tenison, B.S. in Commerce and Finance, 1914, Athletic Coach, Junior High School, Butte, Montana.

Stanley Stillwell Thayer, B.S. in Commerce and Finance, 1913, with Citizens' National Bank, Decatur, Ill.

Gayle Threlkeld, B.S. in Domestic Economy, 1914, Graduate Student, Decatur College and Industrial School.

Grace Lorraine Thrift, A.B., 1911, Superintendent of Schools, Marshallville, Ohio.

Pearl Emily Tippett, A.B., 1911, (Mrs. Carleton F. Mattes) Decatur, Ill.

Clara Loos Tooker, B.S. in Domestic Economy, 1910, (Mrs. August Strauch) Chicago, Ill.

Katherine M. Trautman, B.S. in Domestic Economy, 1908, Assistant Teacher Domestic Science, High School, Decatur, Ill.

Anna Belle Uhler, A.B., 1906, Teacher, Public Schools, Decatur, Ill.

Arthur VanCleve, A.B., 1908, Lawyer, Decatur, Ill.

Dean Moorman Veirs, B.S. in Civil Engineering, 1911, Civil Engineer, Great Northern R. R., St. Paul, Minn.

Jennie Marguerite Votaw, A.B., 1911, Student Nurse, Michael Reese Hospital, Chicago, Ill.

Bertha R. Wakefield, B.S. in Domestic Economy, 1915, (Mrs. Harvey G. Mostollar) Heyworth, Ill.

Anna Sloan Walker, (Mrs.) A.B., 1912, Teacher High School, Skykomish, Wash.

Lloyd Scott Wallace, B.S. in Electrical Engineering, 1910, with Akron Hardware and Supply Co., Akron, Ohio.

J. Ben Wand, A.B., 1911, Editor The Public, Clinton, Ill.

James E. Wasem, B.S. in Commerce and Finance, 1910, Grain and Stock Dealer, Patoka, Ill.

Iva Ingersoll Wasson, A.B., 1912, Teacher Child Culture Department, Millikin Conservatory of Music, Decatur, Ill.

Lois Wasson, A.B., 1913, Student New York Institute of Musical Art, New York, N. Y.

Margaretha Sue Webber, A.B., 1911, Teacher Public Schools, Decatur, Ill.

Neva Clare Welsh, B.S. in Domestic Economy, 1914, Teacher Domestic Science, High School, Tuscola, Ill.

Paul S. Welsh, A.B., 1910, Associate Professor of Entomology, Kansas State Agricultural School, Manhattan, Kans.

Roy A. Wentz, B.S. in Electrical Engineering, 1912, Teacher Mathematics and Director of Athletics, High School, Springfield, Ill.

George Elmus West, A.B., 1910, Farmer, Omaha, Ill.

William Allen West, A.B., 1909, Superintendent of Schools, Omaha, Ill.

Casca Brown Whitehouse, A.B., 1907, Ranchman, Bowler, Mont.

Don Wickard, B.S. in Commerce and Finance, 1911, Farmer and Stock Raiser, Camden, Ind.

Harriet Aurelia Wilcox, A.B., 1914, Teacher Public Schools, Hillsboro, Ill.

Mabel Edith Williams, A.B., 1911, Teacher English, High School, Oregon, Ill.

Kent Williamson, A.B., 1907, Banking Business, Bethany, Ill.

Joel B. Williamson, A.B., 1909, with Gulf Refining Co., Indianapolis, Ind.

Della Ford Wilson, B.S. in Fine and Applied Arts, 1910, Instructor Fine and Applied Arts, University of Wisconsin, Madison, Wis.

Edgar J. Witzemann, A.B., 1907, Research Chemist, Otho S. A. Sprague Memorial Institute, Chicago, Ill.

Harvey Aden Wood, B.S. in Electrical Engineering, 1912, with Central Illinois Public Service Co., Macomb, Ill.

John George Wozencraft, A.B., 1906, Pastor Presbyterian Church, McConnelsville, Ohio.

Ethel Margaret Yanders, A.B., 1906, (Mrs. Ralph Foster) Teacher Latin, High School, Norwalk, Ohio.

Maude Yarnell, A.B., 1913, Decatur, Ill.

Grover Walter Yoder, B.S. in Commerce and Finance, 1912, Capital City Paper Co., Springfield, Ill.

Lois Irene Yoder, A.B., 1911, Teacher English, High School, Urbana, Ill.

Roger Young, A.B., 1912, Assistant Secretary, Y. M. C. A., Racine, Wis.

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